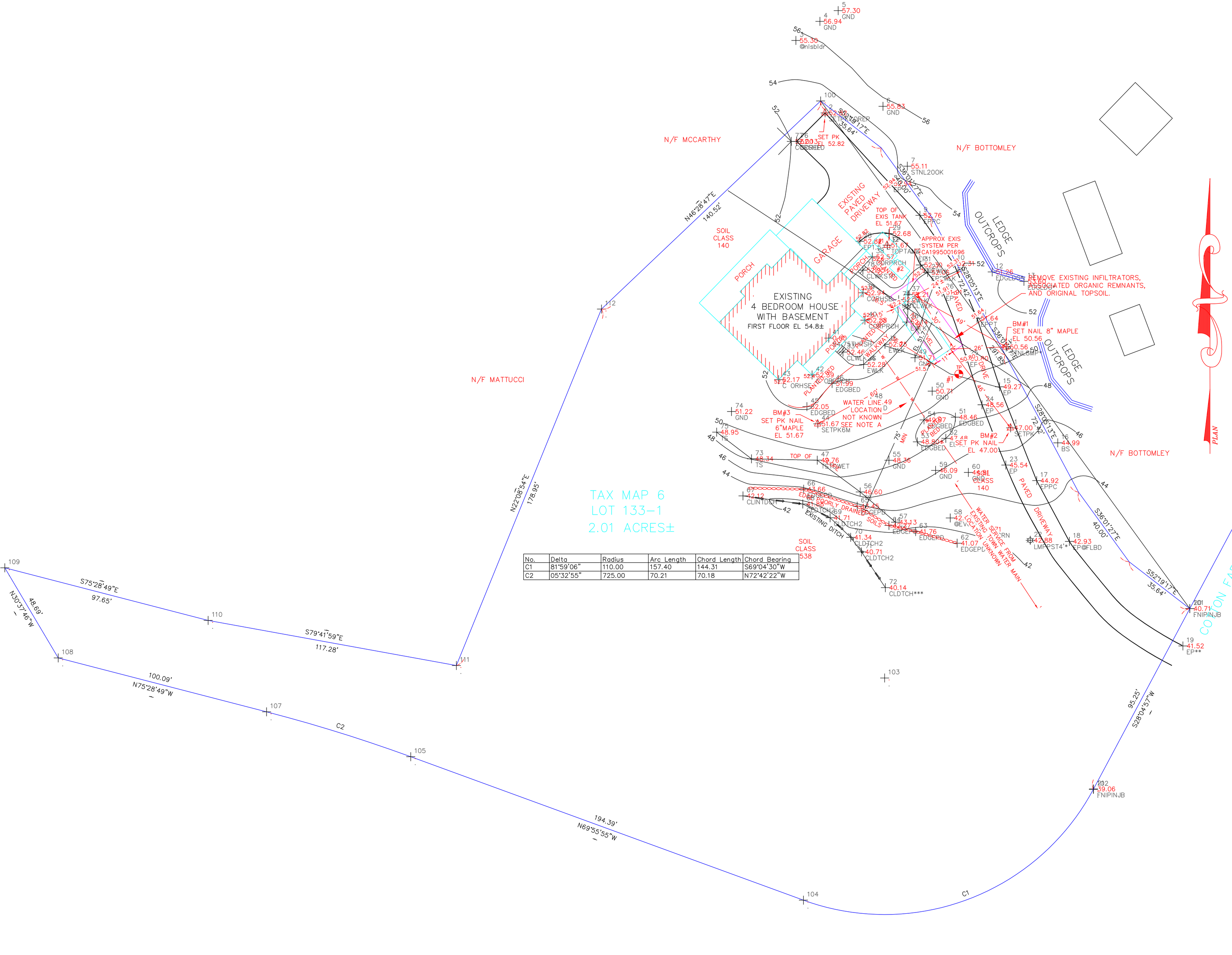

N/F MCCARTHY
N/F MATTUCCI
N/F BOTTOMLEY
N/F BOTTOMLEY
EXISTING 4 BEDROOM HOUSE WITH BASEMENT
FIRST FLOOR EL 54.8±
GARAGE
PORCH
PORCH
EXISTING PAVED DRIVEWAY
SOIL CLASS 140
SOIL CLASS 538
TOP OF EXIS TANK EL 51.67
APPROX EXIS SYSTEM PER CA1995001696
LEDGE OUTCROPS
LEDGE OUTCROPS
REMOVE EXISTING INFILTRATORS, ASSOCIATED ORGANIC REMNANTS, AND ORIGINAL TOPSOIL.
BM#1 SET NAIL 8" MAPLE EL 50.56
BM#2 SET PK NAIL EL 47.00
BM#3 SET PK NAIL 6"MAPLE EL 51.67
SET PK EL 52.82
WATER LINE LOCATION NOT KNOWN SEE NOTE A
WATER SERVICE FROM EXISTING TOWN WATER MAIN LOCATION UNKNOWN
POORLY DRAINED SOILS
EXISTING DITCH
PLANTED BED
PAVED DRIVEWAY
PAVED DRIVEWAY
TOP OF BANK
TOP OF BANK
TOP OF BANK

Command= 210-
Point#, Start#-End# or G#= 1-133

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
----------01-06-2025-----				15:16:39	----------	D:...\BMHOME5	
		50.00	SETPK	1	4848.0132	5088.3266	
		55.82	SETPKCOR	2	4994.4299	5002.0806	TRA
		60.28	LCUP2***	3	5028.1348	4988.4893	SS
		59.94	GND	4	5037.0082	4999.6608	SS
		60.30	GND	5	5042.0226	5008.1856	SS
		58.83	GND	6	4997.4975	5028.9907	SS
		58.11	STNL20OK	7	4969.6618	5040.3159	SS
		55.94	EP	8	4961.5842	5032.2066	SS
		55.76	EPPC	9	4946.7908	5046.1632	SS
		55.31	EP	10	4924.4362	5061.8482	SS
		54.64	EPPT	11	4898.9640	5072.7453	SS
		54.26	EDGLDG*	12	4920.5188	5079.7592	SS
		56.60	EDGLDG*	13	4916.1396	5094.5499	SS
		53.56	STNL8MP*	14	4885.6168	5086.2654	SS
		52.27	EP	15	4867.0872	5083.2034	SS
		47.99	BS	16	4841.0216	5110.2802	SS
		47.92	EPPC	17	4823.4680	5100.4591	SS
		45.93	EP@FLBD	18	4795.1976	5115.6614	SS
		44.52	EP**	19	4746.6043	5168.4465	SS
		43.71	FNIPINJB	20	4763.9608	5171.6447	SS
		42.06	FNIPINJB	21	4680.0959	5126.8962	SS
		45.88	LMPPST4'	22	4795.7238	5097.4539	SS
		48.54	EP	23	4830.6952	5086.1047	SS
		51.56	EP	24	4858.7459	5075.0399	SS
		53.80	EP	25	4880.2680	5067.7857	SS
		54.91	EP	26	4911.0592	5056.5085	SS
		55.06	EPEWLK	27	4920.2599	5049.7729	SS
		55.82	EP1.5-G	28	4934.7825	5018.2709	SS
		55.68	EP	29	4938.3530	5031.7755	SS
		55.57	EP	30	4929.2919	5043.8125	SS
		55.30	EPEWLK	31	4923.7398	5046.3554	SS
		54.67	TOPTANK	32	4932.9369	5030.9670	SS
		55.46	CLWLK@S	33	4883.2204	5010.4119	SS
		55.28	EWLK	34	4877.4702	5019.9738	SS
		55.23	EWLK	35	4886.8832	5029.9301	SS
		55.14	EWLK	36	4897.1925	5040.0709	SS
		55.21	EWLK	37	4909.9548	5040.6587	SS
		55.57	CORPRCH	38	4927.5045	5024.0451	SS
		55.94	CORHSE	39	4904.2293	5026.9237	SS

JOB #19 533PIHL [133]

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
01-06-2025				15:16:39		D:...\BMHOME5	
		55.58	CORPRCH	40	4898.0645	5020.6176	SS
		57.75	THR=FFL	41	4889.7338	5003.8135	SS
		55.39	C ORPRCH	42	4872.6145	4996.0393	SS
		55.17	C ORHSE	43	4870.4052	4980.4766	SS
		54.67	SETPK6M	44	4849.8516	4998.6954	SS
		55.05	EDGBED	45	4857.8805	4993.6293	SS
		54.99	EDGBED	46	4868.6280	5005.3284	SS
		52.76	TSTOWET	47	4832.9534	4998.4394	SS
		54.49	GND	48	4860.0811	5023.3375	SS
		54.71	GND	49	4880.6143	5043.8689	SS
		53.71	GND	50	4865.0554	5051.8626	SS
		51.46	EDGBED	51	4852.9599	5062.6589	SS
		50.48	EDGBED	52	4843.1431	5058.1977	SS
		51.80	EDGBED	53	4841.5150	5044.9608	SS
		52.67	EDGBED	54	4851.6874	5048.0840	SS
		51.36	GND	55	4832.9303	5031.7734	SS
		49.60	TS	56	4818.2064	5018.3938	SS
		46.13	TS	57	4804.1311	5034.8455	SS
		45.58	@EVGRN	58	4806.1102	5060.2853	SS
		49.09	GND	59	4828.2472	5053.4711	SS
		47.81	GND	60	4827.2743	5068.7052	SS
		45.71	@EVGRN	61	4800.8317	5074.3085	SS
		44.07	EDGEPD	62	4794.3622	5063.4685	SS
		44.76	EDGEPD	63	4799.7802	5044.1743	SS
		45.27	EDGEPD	64	4802.6336	5031.7595	SS
		46.45	EDGEPD	65	4811.5863	5016.9887	SS
		46.66	EDGEPD	66	4819.4610	4992.1242	SS
		45.12	CLINTDCH	67	4816.3523	4963.9016	SS
		44.88	CLDTCH2	68	4812.5991	4991.7127	SS
		44.71	CLDTCH2	69	4806.1891	5004.3895	SS
		44.34	CLDTCH2	70	4797.1092	5013.9600	SS
		43.71	CLDTCH2	71	4790.3321	5018.9931	SS
		43.14	CLDTCH**	72	4773.7040	5030.1072	SS
		51.34	TS	73	4833.5988	4967.8659	SS
		54.22	GND	74	4855.6061	4958.5585	SS
		51.95	TS	75	4845.9889	4951.6616	SS
		55.13	COREP	76	4981.1575	4988.8528	SS
		55.00	CORSHED	77	4957.3673	5004.6099	SS
		55.95	CLWKSTP	78	4921.3387	5019.6565	SS
		55.27	INTCLWLK	79	4907.5735	5036.3053	SS
				100	5000.0000	5000.0000	
				101	4763.9608	5171.6447	TRA
				102	4679.9245	5126.8065	TRA
				103	4731.7062	5029.7567	RP
				104	4628.3844	4992.0126	PT
				105	4695.0866	4809.4249	TRA
				106	4014.1045	4560.6513	RP
				107	4715.9498	4742.4151	PT
				108	4741.0437	4645.5218	TRA
				109	4782.9405	4620.7150	TRA
				110	4758.4584	4715.2462	TRA
				111	4737.4879	4830.6362	TRA
				112	4903.2333	4898.1013	TRA
				113	5000.0073	5000.0007	TRA

Point#, Start#-End# or G#= 4-

APPROVAL FOR CONSTRUCTION

CA2008093143

N.H. DEPARTMENT OF ENVIRONMENTAL SERVICES
SUBSURFACE SYSTEMS BUREAU
P.O. BOX 95, 29 HAZEN DRIVE, CONCORD, NH 03302-0095

CA2008093143 APPROVAL NO.

THE PLANS AND SPECIFICATIONS FOR SEWAGE OR WASTE DISPOSAL SYSTEM SUBMITTED FOR:

OWNER: MARTIN PIHL
2 COTTON FARM LN
NORTH HAMPTON NH 03862-

COPY SENT TO:
BUILDING INSPECTOR
PO BOX 710
NORTH HAMPTON NH 03862

BY APPLICANT: PERMIT NO. 00348
STOCKTON SERVICES
PO BOX 1306
HAMPTON NH 03843-1306

Map No./Lot No.: 6/133-1
Subd. Appvl. No.: 1995000034
Subd. Name:
County: ROCKINGHAM
Registry Book No.: 3170
Registry Page No.: 1826
Probate Docket No.: (If Applicable)

Type of System: N
4 BR
600 GPD

Town/City Location: NORTH HAMPTON

Street Location: 2 COTTON FARM LANE

Subsurface waste disposal systems must be operated and maintained in a manner so as to prevent nuisance or health hazard due to system failure. (RSA 485-A:37)

It is unlawful to discharge any hazardous chemicals or substances into subsurface waste disposal systems. Included are paints, thinners, gasoline and chlorinated hydrocarbon solvents such as TCE, sometimes used to clean failed septic systems and auto parts. (Env-Ws 1503.04)

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED BELOW CONDITIONS

1. THIS APPROVAL IS VALID FOR 90 DAYS FROM DATE OF SAID APPROVAL, PER ENV-WQ 1003.19.
2. THIS APPROVAL IS GRANTED ONLY TO IMPROVE AN EXISTING SITUATION.
3. APPROVED WITH A MUNICIPAL WATER SUPPLY ONLY.
4. APPROVAL BASED ON MEETING MINIMUM eNV-WQ SETBACK RQUIREMENTS BETWEEN THE TANK ,FIELD AND WATERLINE.

06/06/2008 ERIC J THOMAS

Approved this date: _____ By: _____
N.H. Department of Environmental Services Staff
Date amended: _____ Amended by: _____ (OVER)

REVISED 8/01

200801805

APPLICANT'S

CA2008093143

PT

PERC TEST DATA

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE
REQUIREMENTS OF THE
NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION
Signed Eric Thomas
Date 6-6-08

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED ON THIS CONDITIONAL APPROVAL

6 MIN/IN AT 40" PER ORIGINAL DESIGN

N/A FOR CLEAN SOLUTION SYSTEM

DESIGN LOADING: 4 BEDROOMS

WASTEWATER ALTERNATIVES
MINIMUM DISPERAL AREA = 150 SF

AREA REQUIRED:

AREA PROPOSED: 11' X 30' = 330 SF PROVIDED

RECEIVED
JUN 04 2008
By Subsurface

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

LOCUS: 2 COTTON FARM LANE
NORTH HAMPTON, NH

RECEIVED
JUN - 2 2008
ROCKINGHAM COUNTY
CONSERVATION DISTRICT

OWNER: MARTIN PIHL
2 COTTON FARM LANE
NORTH HAMPTON, NH 03862

APPROVED
Town of North Hampton
Septic System Examiner
6/3/08

S SHALL
LE ODORS OCCUR.

NEW HAMPSHIRE
Designer
of
Subsurface Disposal
Systems
* * *
Ann W. Bialobrzeski
No. 348
Master Septage Pumping Control

ANNE W. BIALOBRZESKI #348

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843
603 929-7404

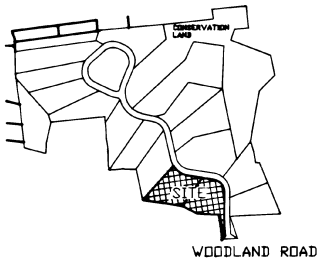
DATE: MAY 30, 2008

APPROVAL: _____

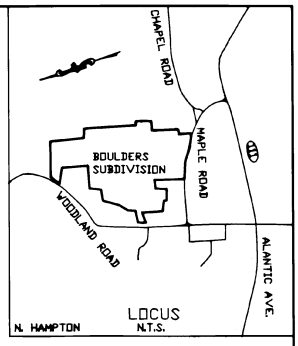
533

CURVE	RADIUS	LENGTH	CHORD	BEARING
C18	725.00'	70.21'	70.18'	N 72°42'22" W
C25	110.00'	20.73'	20.70'	S 85°57'09" E

LINE	DIRECTION	DISTANCE
L1	S 52°19'17" E	35.64'
L2	S 36°01'27" E	40.00'
L3	S 28°05'13" E	72.42'
L4	S 28°05'13" E	72.42'
L5	S 36°01'27" E	40.00'
L6	S 52°19'17" E	35.64'
L57	S 28°04'57" W	95.25'
L73	S 75°28'49" E	97.65'
L74	N 75°28'49" W	100.09'

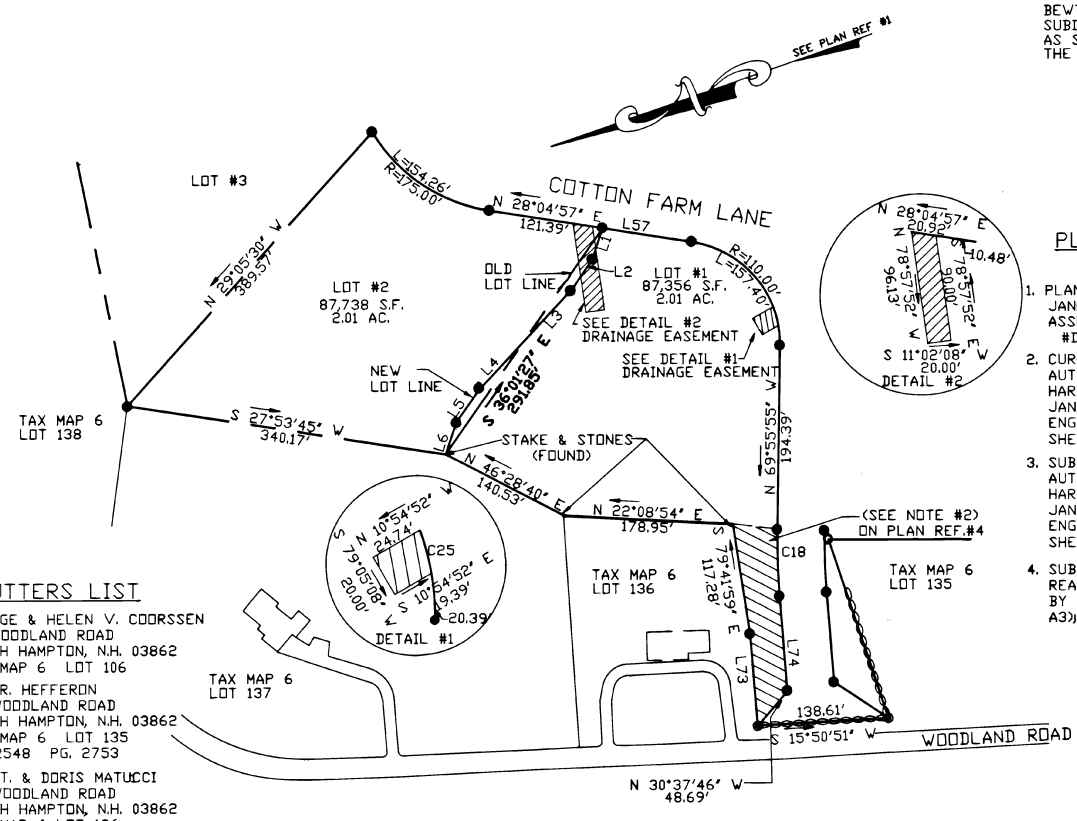


OVERALL SITE



NOTES

1. THE INTENT OF THIS PLAN IS TO SHOW THE LOT LINE ADJUSTMENT BEWTEEN LOTS 1 & 2 OF THE BOULDERS SUBDIVISION IN NORTH HAMPTON, N.H. AS SHOWN. THE AREAS ARE TO REMAIN THE SAME.



PLAN REFERENCES

1. PLAN OF LAND, NORTH HAMPTON, N.H. JANE Q. DOYLE BY DURGIN SCHOFIELD ASSOC., DATED APRIL 7, 1987, R.C.R.D. #D-9901.
2. CURRENT CONDITIONS PLAN FOR AUTOMOBILE COMPANY OF BOSTON, HARLAN & PATRICIA CUTSHELL & JANE Q. QUAYLE BY JONES & BEACH ENGINEERS (SHEET A1); RECORED SHEET 1, R.C.R.D. #23763.
3. SUBDIVISION PLAN FOR CADILLAC AUTOMOBILE COMPANY OF BOSTON, HARLAN & PATRICIA CUTSHELL & JANE Q. QUAYLE BY JONES & BEACH ENGINEERS (SHEET A2); RECORED SHEET 2, R.C.R.D. #23763.
4. SUBDIVISION PLAN FOR BOULDERS REALTY CORP. IN NORTH HAMPTON, N.H. BY JONES & BEACH ENGINEERS (SHEET A3); RECORED SHEET 3 R.C.R.D #23763

ABUTTERS LIST

GEORGE & HELEN V. COORSSEN
80 WOODLAND ROAD
NORTH HAMPTON, N.H. 03862
TAX MAP 6 LOT 106

ANN R. HEFFERON
75 WOODLAND ROAD
NORTH HAMPTON, N.H. 03862
TAX MAP 6 LOT 135
BK. 2548 PG. 2753

ROY T. & DORIS MATUCCI
83 WOODLAND ROAD
NORTH HAMPTON, N.H. 03862
TAX MAP 6 LOT 136
BK. 2144 PG. 379

ALBERT J. & CAROL C. KURTZ
85 WOODLAND ROAD
NORTH HAMPTON, N.H. 03862
TAX MAP 6 LOT 137
BK. 2353 PG. 1258

GEORGE E. B. PAUL JR.
GEORGE E. B. PAUL III
97 WOODLAND ROAD
NORTH HAMPTON, N.H. 03862
TAX MAP 6 LOT 138
BK. 2223 PG. 1415

LEGEND

- I.B. FOUND, 3/4" REBAR
- D.H. FOUND
- STONE WALL

OWNER OF RECORD

BOULDERS REALTY CORP.
4 ATLANTIC AVENUE
NORTH HAMPTON, N.H. 03856

BOOK 3091 PG. 425
BOOK 3099 PG 382
RE:
BOOK 3091 PG. 435

GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch = 100 ft.

APPROVED – NORTH HAMPTON, N.H., PLANNING BOARD

DATE

"I CERTIFY THAT THIS PLAT WAS PREPARED BY ME OR BY THOSE UNDER MY DIRECT SUPERVISION.

STATE OF NEW HAMPSHIRE No. 805 KENNETH A. BERRY LICENSED LAND SURVEYOR SIGNATURE

NO.	DATE	REVISION
1	6/27/95	GENERAL REVISIONS
0	6/15/95	ISSUED FOR APPROVAL

J/B

COTTON FARM LANE
NORTH HAMPTON, N.H. 03856

LOT-LINE ADJUSTMENT PLAN
FOR LOT 1 & 2 OF
BOULDERS SUBDIVISION

JONES & BEACH ENGINEERS, INC.
85 PORTSMOUTH AVE.
STRATHAM, N.H. 03885

DRAWING NO. A5

SCALE :	DATE :	FILE :	REV.	SHEET NO.
1"=100'	6/15/95	#9421		1 OF 1

C-24021

Jun 10 10 41 AM '95

(023340

1425 479

Know all men by these presents

that I, Muriel S. Benoit of Hampton Falls, in the County of Rockingham, and State of New Hampshire

for and in consideration of the sum of ------ONE DOLLAR-------

to me in hand, before the delivery hereof, well and truly paid by Herbert E. Gilson and Reine M. Gilson, both of Beverly, in the County of Essex, and Commonwealth of Massachusetts

the receipt whereof .....I..... *do hereby acknowledge, have given, granted, bargained, sold, and by these presents do give, grant, bargain, sell, alien, enfeoff, convey and confirm unto the said*

Herbert E. Gilson and Reine M. Gilson

as joint tenants, with right of survivorship, the survivor of them, and his or her heirs and assigns forever.

A certain tract of land, situated on the Middle Road, so-called, in Hampton Falls, in the County of Rockingham, and State of New Hampshire, containing fourteen (14) acres, more or less, about eight (8) tillage and six (6) pasture, with the buildings thereon, bounded and described as follows: Commencing at the southwesterly corner at land now or formerly of J. H., J. M., and A. D. Brown, on said Middle Road; thence following said road in a general southeasterly direction to Town Gravel Pit; thence following said Gravel Pit in a northeasterly direction to land now or formerly of James H. Page; thence following said Page land in a northwesterly direction to land now or formerly of Applecrest Farm Company; thence following said Applecrest land in the same direction to land now or formerly of Grant B. Sanborn; thence following said Sanborn land in said direction to land now or formerly of James H., J. M., and A. D. Brown; thence following said Brown land in a southwesterly direction to starting point.

Three-fourths of said premises having been conveyed to the grantor and Robert L. Benoit by deed of Charles Albert Robie and Frances Josephine Robie, dated January 14, 1938, and recorded in Rockingham County Registry of Deeds, Book 921, Page 72. One-fourth of said premises having been conveyed to Robert L. Benoit and Muriel S. Benoit by Guardian's Deed of Climena A. B. Stevens, Guardian of Doris E. Robie, dated January 14, 1938, and recorded in Rockingham County Registry of Deeds, Book 921, Page 200. The above named Robert L. Benoit, a resident of Hampton Falls, N.H., died in Manchester, N. H. in January, 1957.

alef. Hampton
US REV STAMP $22.00

Fed. Rev. Stamps #45.65

1882 400

FORM 413 N. H. WARRANTY DEED. JOINT TENANTS

TUTBLANX REGISTERED U.S. PAT. OFFICE
Tuttle Law Print, Publishers, Rutland, Vt.

Oct 18 3 41 PM '67 14231

KNOW ALL MEN BY THESE PRESENTS, That we, Herbert E. Gilson and Reine M. Gilson, both of Hampton Falls, in the County of Rockingham, and State of New Hampshire,

for consideration paid, grant to James Richardson Adams, Jr. and Norma C. Adams, both of Hampton, in the County of Rockingham, and State of New Hampshire,

with warranty covenants to the said James Richardson Adams, Jr. and Norma C. Adams, husband and wife,

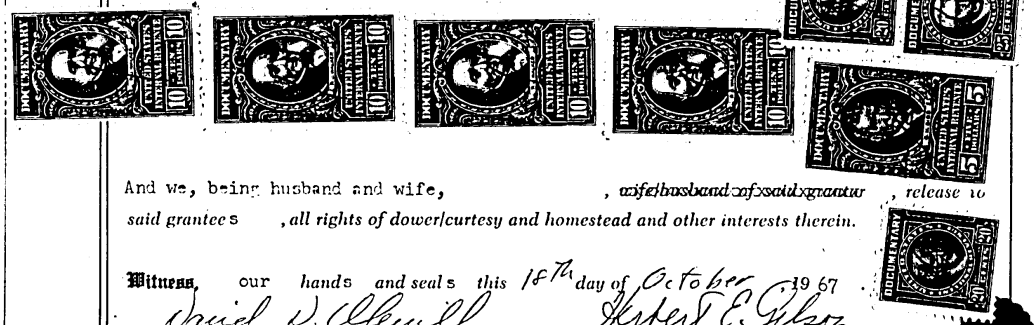
as joint tenants with rights of survivorship, the following described premises:

A certain tract of land, situated on the Middle Road, so-called, in Hampton Falls, in the County of Rockingham, and State of New Hampshire, containing fourteen (14) acres, more or less, about eight (8) acres tillage land and six (6) acres pasture, with the buildings thereon, bounded and described as follows: Commencing at the Southwesterly corner at land now or formerly of J. W., W. H., and A. D. Brown on said Middle Road; thence following said road in a general Southeasterly direction to Town Gravel Pit; thence following said Gravel Pit in a Northeasterly direction to land now or formerly of James H. Page; thence following said Page land in a Northwesterly direction by land now or formerly of Applecrest Farm Company; thence following said Applecrest land in the same direction to land now or formerly of Grant B. Sanborn; thence following said Sanborn land in said direction to land now or formerly of James H., W. H. and A. D. Brown; thence following said Brown land in a Southwesterly direction to starting point.

Being the same premises conveyed to these grantors by deed of Muriel S. Benoit, dated March 18, 1957, and recorded with Rockingham County Registry of Deeds, Book 1425, Page 479.

Taxes for the year 1967 to be pro rated as of the date of this conveyance.

Not including in this conveyance a certain tract on the Westerly thereof, being 226 feet on said Middle Road, and 172 feet on land of Applecrest Farm Company and land of Grant B. Sanborn, as reserved in deed of Charles A. Robie and Frances J. Robie to Robert L. and Muriel S. Benoit, dated January 14, 1938, and recorded with Rockingham County Registry of Deeds, Book 937, Page 72.



And we, being husband and wife, ~~wife/husband of said grantor~~, *release to said grantees, all rights of dower/curtesy and homestead and other interests therein.*

Witness, our *hands and seals this* 18th *day of* October 1967.

Daniel W. Ellsmill (to 6 oth) — Herbert E. Gilson

Reine M. Gilson

State of New Hampshire

Rockingham *ss.:* Oct. 18, A. D. 19 67.

Personally appeared Herbert E. Gilson and Reine M. Gilson *known to me, or satisfactorily proven, to be the person s whose names are subscribed to the foregoing instrument and acknowledged that* they *executed the same for the purposes therein contained.*

Before me,

David W. Ellsmill
~~Justice of the Peace~~ Notary Public

DAVID W. ELLSMILL NOTARY PUBLIC OF N.H.

02042

2005 165

Know all Men by these Presents:

FallTHAT We, James Richardson Adams,Jr. and Norma C. Adams, both of Hampton, in the County of Rockingham and State of New Hampshire,
for consideration paid, grant to Don Goodwin Builder, Inc., a corporation organized by law and having a usual place of business at Hampton Falls, New Hampshire,
with warranty covenants to the said Don Goodwin Builder, Inc.

A certain lot or parcel of land situated on the Northerly side of Drinkwater Road in Hampton Falls, County of Rockingham, State of New Hampshire, bounded and described as follows:

Beginning at an iron pipe at the Southeasterly corner of land now or formerly of C. Robie, being the Southwesterly corner of the two (2) acre lot herein conveyed; then running North 43° 54' 55" East by land of said Robie 475 feet to a point; then turning and running South 46° 5' 5" East by other land of the grantors 197.37 feet to a point; then turning and running South 44° 14' 54" West by other land of the grantors 430 feet to a point at a stone wall on the Northerly side of Drinkwater Road; then turning and running North 59° 5' 30" West by said stone wall 200 feet to the point of beginning.

Being part of the premises conveyed to the grantors by Deed of Herbert E. Gilson and Reine M. Gilson, dated October 18, 1967.

For reference see the above described two (2) acre lot as delineated on a Plan of Land for James Richardson Adams, Jr., Hampton Falls, New Hampshire, by Parker Survey Assoc. Inc., Seabrook, New Hampshire, No. 770.

(wife / husband) of said grantor, release to said grantee all rights of (dower / curtesy) and homestead and other interests therein.

Witness our hands and seals this 27th day of February, 1970.

WITNESS:

Lawrence W. Guptill, Jr.
Lawrence W. Guptill, Jr.

James Richardson Adams
Norma C. Adams

STATE OF NEW HAMPSHIRE COUNTY OF ROCKINGHAM

On this the 27th day of February, 1970 before me, Lawrence W. Guptill, Jr., the undersigned officer, personally appeared James Richardson Adams,Jr. and Norma C. Adams, known to me (or satisfactorily proven) to be the persons whose names are subscribed to the within instrument and acknowledged that they executed the same for the purpose therein contained.

In witness whereof I hereunto set my hand and official seal.

Lawrence W. Guptill, Jr.
Justice of the Peace.

STATE OF NEW HAMPSHIRE
TAX ON TRANSFER OF REAL PROPERTY
STATE TAX COMMISSION
FEB 24'70
06.60
P.R. 10665
017025

'74 NOV 18 PM 2:50

ROCKINGHAM COUNTY REGISTRY OF DEEDS

Consideration Less Than $100.00

KNOW ALL MEN BY THESE PRESENTS, That J. R. Adams and Norma C. Adams of Hampton Falls, in the County of Rockingham and State of New Hampshire,

2230-0722

for consideration paid, grant to J. R. Adams and Norma C. Adams of said Hampton Falls, in the County of Rockingham and State of New Hampshire, as joint tenants,

with ~~warranty covenants~~ a certain tract or parcel of land beginning at a point on the Northeasterly sideline of Drinkwater Road, so-called, in Hampton Falls, New Hampshire, at a point Southeasterly along a stone wall that is Two Hundred (200) feet, more or less, from the Southwesterly corner of land now or formerly of one Robie; thence turning and running N 44° 14' 54" East, Four Hundred Thirty (430) feet, more or less, to a point; thence turning and running N 46° 5' 5" West, One Hundred Ninety-seven and thirty-seven hundredths (197.37) feet, more or less, to a point on the Southeasterly bound of land now or formerly of Robie; thence turning and running N 43° 54' 55" East, to an iron pin on the Westerly bound of premises now or formerly of Applecrest Farm; thence turning and running S 38° 21' 38" East, Four Hundred Thirty (430) feet, more or less, to a point on the Westerly boundary of land now or formerly of one H. Kent to a point; thence turning and running S 43° 54' 55" East, Four Hundred Forty-eight (448) feet, more or less, to a point on the Northeasterly sideline of said Drinkwater Road; thence turning and running Northwesterly along the Northeasterly side of said Drinkwater Road, Two Hundred Fifty (250) feet, more or less, to a point on the Northeasterly sideline of said Drinkwater Road, also being the point of beginning.

Meaning and intending hereby to convey a portion of the premises acquired from Gilson in 1967 and recorded in the Rockingham County Registry of Deeds

Grantors are, *husband* and *wife* ~~of said grantor~~ *release to said grantee all rights of homestead and other interests therein.*

~~Witness~~. Our *hands and seals this* 1st *day of* November 1974

J R Adams

Norma C. Adams

Witness

to Both

State of New Hampshire

ss.: November A. D. 1974

Personally appeared J. R. Adams and Norma C. Adams

known to me, or satisfactorily proven, to be the persons whose names subscribed to the foregoing instrument and acknowledged that they executed the same for the purposes therein contained.

Before me,

Justice of the Peace — Notary Public

'76 APR-9 A10:13
REC'D ROCKINGHAM COUNTY
REGISTRY OF DEEDS

05117

KNOW ALL MEN BY THESE PRESENTS, That We, J. R. Adams and Norma C. Adams both of Hampton Falls, in the County of Rockingham and State of New Hampshire

2254-1360

for consideration paid, grant to J. R. Adams and Norma C. Adams of said Hampton Falls, in the County of Rockingham and State of New Hampshire

with warranty covenants to the said J. R. Adams and Norma C. Adams

as joint tenants with rights of survivorship.

A certain tract or parcel of land situate in Hampton Falls, bounded and described as follows:

Beginning at a point on the Northeasterly sideline of Drinkwater Road, so-called, located in a stone wall Two Hundred (200) feet, more or less, from the Southwesterly corner of land now or formerly of one C. Robie; thence turning and running

(1) N 44° 14' 54" East, a distance of Four Hundred Thirty (430) feet, more or less, to a point; thence turning and running

(2) N 46° 5' 5" West, a distance of One Hundred Ninety-seven and thirty-seven hundredths (197.37) feet, more or less, to a point on the Southeasterly bound of land now or formerly of said Robie; thence turning and running

(3) N 43° 54' 55" East, along land now or formerly of said Robie a distance of One Hundred Sixty-five (165) feet, more or less, to an iron pin on the Westerly bound of land now or formerly of Apple Crest Farm; thence turning and running

(4) S 38° 21' 38" East, a distance of Four Hundred Forty (440) feet, more or less, to a point on the Westerly bound of land now or formerly of H. Kent; thence turning and running

(5) Southwesterly bounded Southeasterly by other land of the Grantors herein, to a point on the Northeasterly sideline of Drinkwater Road, said point being Two Hundred Fifty (250) feet, more or less, Southeasterly along said Drinkwater Road from the point of beginning herein; thence running

(6) Northwesterly along said Northeasterly sideline of Drinkwater Road Two Hundred Fifty (250) feet, more or less, to the point of beginning.

Meaning and intending to convey Three and Eight tenths (3.8) acres, more or less, being the same premises conveyed by deed of J. R. Adams and Norma C. Adams to J. R. Adams and Norma C. Adams as joint tenants, dated November 1, 1974 and recorded in Rockingham County Registry of Deeds, Book 2230, Page 0722, wherein the bounds were incorrectly set forth. The purpose of this deed is to correct the deed aforesaid.

More particularly described in Plan to be recorded herewith, and as part of the premises as described in "Plan of Land of James Richardson Adams in Hampton Falls, New Hampshire", by Parker Survey Assoc., Inc., plan drawn April 1970, and recorded in Rockingham County Registry of Deeds Plan # D1763.

CONSIDERATION LESS THAN $100.00.

We, J. R. and Norma C. Adams & *wife/ husband* , *release to said grantees* , *all rights of dower / curtesy and homestead and other interests therein.*

~~Witness~~. Our *hands and seals this* 7th *day of* April , 1976

Stephen L. Tober
-to both-

J. R. Adams

Norma C. Adams

Norma C. Adams

State of New Hampshire

ROCKINGHAM *ss.:* April 7, *A. D.* 1976

Personally appeared J. R. Adams and Norma C. Adams *known to me, or satisfactorily proven, to be the persons whose names are subscribed to the foregoing instrument and acknowledged that they executed the same for the purposes therein contained.*

Before me,

Stephen L. Tober
Justice of the Peace ~~Notary Public~~

'76 APR -9 A10:15 REC'D ROCKINGHAM COUNTY REGISTRY OF DEEDS 05720

KNOW ALL MEN BY THESE PRESENTS, That We, J.R. Adams and Norma C. Adams of Drinkwater Road, Hampton Falls in the County of Rockingham and State of New Hampshire

2254-1365

for consideration paid, grant to Ray Justin Coggin and Anne Goodrich Coggin of Hampton Falls in the County of Rockingham and State of New Hampshire

with warranty covenants to the said Ray Justin Coggin and Anne Goodrich Coggin

as joint tenants with rights of survivorship.

A certain tract or parcel of land situate in Hampton Falls in the County of Rockingham and State of New Hampshire bounded and described as follows:

Beginning at a point on the Northeasterly sideline of Drinkwater Road, so-called located in a stone wall Two Hundred (200) feet, more or less, from the Southwesterly corner of land now or formerly of one C. Robie; thence turning and running

(1) N 44° 14' 54" East, a distance of Four Hundred Thirty (430) feet, more or less, to a point; thence turning and running

(2) N 46° 5' 5" West, a distance of One Hundred Ninety-seven and thirty-seven hundredths (197.37) feet, more or less, to a point on the Southeasterly bound of land now or formerly of said Robie; thence turning and running

(3) N 43° 54' 55" East, along land now or formerly of said Robie, a distance of One Hundred Sixty-five (165) feet, more or less, to an iron pin on the Westerly bound of land now or formerly of Apple Crest Farm; thence turning and running

(4) S 38° 21' 38" East, a distance of Four Hundred Forty (440) feet, more or less, to a point on the Westerly bound of land now or formerly of H. Kent; thence turning and running

(5) Southwesterly bounded Southeasterly by other land of the Grantors herein, to a point on the Northeasterly sideline of Drinkwater Road, said point being Two Hundred Fifty (250) feet, more or less, Southeasterly along said Drinkwater Road from the point of beginning herein; thence running

(6) Northwesterly along said Northeasterly sideline of Drinkwater Road Two Hundred Fifty (250) feet, more or less, to the point of beginning .

Meaning and intending to convey Three and Eight tenths (3.8) acres, more or less, being the same premises conveyed by corrective deed of J.R. Adams and Norma C. Adams to J.R. Adams and Norma C. Adams of even date to be recorded herewith in the Rockingham County Registry of Deeds.

More particularly described in Plan to be recorded herewith, and as part of the premises as described in "Plan of Land of James Richardson Adams in Hampton Falls, New Hampshire", by Parker Survey Assoc., Inc. plan drawn April 1970, and recorded in Rockingham County Registry of Deeds Plan #D1763.

STATE OF NEW HAMPSHIRE TAX ON TRANSFER OF REAL PROPERTY 18.75 m 0 1 5 0

J. R. Adams and Norma C. Adams , *wife&husband* of ~~said grantor~~ , *release to said grantees* , *all rights of dower / curtesy and homestead and other interests therein.*

Witness, our *hands, and seals this* 7th *day of* April , *19* 76

Stephen L. Tober — to both —

J.R. Adams
J. R. Adams

Norma C. Adams
Norma C. Adams

State of New Hampshire

ROCKINGHAM *ss.:* April 7th, *A. D. 19* 76

Personally appeared J. R. Adams and NormaC. Adams

known to me, or satisfactorily proven, to be the person s *whose name* are *subscribed to the foregoing instrument and acknowledged that* they *executed the same for the purposes therein contained.*

Before me,

Stephen L. Tober
Justice of the Peace ~~Notary Public~~

'76 JUN-2 A 9:02
REC'D ROCKINGHAM COUNTY
REGISTRY OF DEEDS
1143

KNOW ALL MEN BY THESE PRESENTS, That We, James Richardson Adams, Jr. and Norma C. Adams, husband and wife of Drinkwater Road, Hampton Falls in the County of Rockingham and State of New Hampshire

2258-0265

for consideration paid, grant to Andrew S. Wight and Paulette D. Wight both of South Road, Kingston in the County of Rockingham and State of New Hampshire

with warranty covenants to the said Andrew S. Wight and Paulette D. Wight

as joint tenants with rights of survivorship.

A certain tract or parcel of land with the buildings thereon situate in Hampton Falls in the County of Rockingham and State of New Hampshire, bounded and described as follows:

Beginning at a point on the northerly side of Drinkwater Road at the southwesterly corner of said parcel adjacent to land now or formerly of Coggins; thence running

(1) N 43° 59' 00" E a distance of four hundred sixty-nine and eighteen hundredths (469.18) feet, along land of said Coggins, to a point; thence turning and running

(2) S 38° 30' 32" E a distance of three hundred forty-nine and eighty one hundredths (349.81) feet, more or less, first along land now or formerly of H. Kent, then along land now or formerly of Apple Crest Farm, to a point, thence continuing

(3) S 40° 57' 17" E a distance of three hundred nineteen and sixty-five hundredths (319.65) feet, more or less, along land of said Apple Crest Farm, to a point; thence turning and running

(4) S 64° 25' 46" W a distance of three hundred thirty-five and seventy-three hundredths (335.73) feet, along land now or formerly of H. Rotchford, to a point on the northerly side of Drinkwater Road; thence turning and running

(5) N 27° 33' 28" W a distance of one hundred sixty-five and twenty-nine hundredths (165.29) feet, more or less, along said Drinkwater Road to a point; thence turning and running

(6) N 64° 46' 57" W a distance of four hundred thirteen and eleven hundredths (413.11) feet, more or less, along said Drinkwater Road to the point of Beginning. Said parcel containing five (5) acres, more or less.

More particularly described as Parcel A in "Plan of land for James Richardson Adams, Jr. in Hampton Falls, New Hampshire" by Parker Survey Assoc., plan drawn January 1970, revised September 1971, and recorded in Rockingham County Registry of Deeds as Plan #D-5870.

Being a portion of the premises conveyed to the grantors herein by deed of Herbert E. Gilson and Reine M. Gilson, dated October 18, 1967 and recorded in Book 1882, Page 400 of the Rockingham County Registry of Deeds.

James Richardson Adams, Jr. and Norma C. Adams, *wife husband* , *release to said grantees* , *all rights of homestead and other interests therein.*

STATE OF NEW HAMPSHIRE TAX DEPARTMENT CONSIDERATION 1126 1826

Witness our hands and seals this 1st *day of* June , 1976

Stephen L. Tober — witness

James Richardson Adams (L.S.)
James Richardson Adams, Jr.

-to both-

Norma C. Adams (L.S.)
Norma C. Adams

State of New Hampshire

ROCKINGHAM, *ss.:* June 1 *A. D.* 1976

Personally appeared James Richardson Adams, Jr. and Norma C. Adams *known to me, or satisfactorily proven, to be the persons whose names are subscribed to the foregoing instrument and acknowledged that they executed the same for the purposes therein contained.*

Before me,

Stephen L. Tober
Justice of the Peace – ~~Notary Public~~

'79 FEB 27 A 9:42 04200
REC'D ROCKINGHAM COUNTY
REGISTRY OF DEEDS

KNOW ALL MEN BY THESE PRESENTS, That we, Andrew S. Wight and Paulette D. Wight of Hampton Falls, in the County of Rockingham and State of New Hampshire

BK2333 P0117

for consideration paid, grant to David L. Lobdell and Barbara L. Lobdell of 13305 Chestnut Oak Drive, Gaithersburg, in the County of Montgomery and State of Maryland

with warranty covenants

as joint tenants with rights of survivorship.

A certain tract or parcel of land with the buildings thereon, situate in Hampton Falls, in the County of Rockingham and State of New Hampshire, bounded and described as follows:

Beginning at a point on the northerly side of Drinkwater Road at the southwesterly corner of said parcel adjacent to land now or formerly of Coggins, thence running N 43° 59' 00" E a distance of four hundred sixty-nine and eighteen hundredths (469.18) feet, along land of said Coggins, to a point; thence turning and running S 38° 30' 32" E a distance of three hundred forty-nine and eighty-one hundredths (349.81) feet, more or less, first along land now or formerly of H. Kent, then along land now or formerly of Apple Crest Farm, to a point; thence continuing S 40° 57' 17" E a distance of three hundred nineteen and sixty-five hundredths (319.65) feet, more or less, along land of said Apple Crest Farm, to a point; thence turning and running S 64° 25' 46" W a distance of three hundred thirty-five and seventy-three hundredths (335.73) feet, along land now or formerly of H. Rotchford, to a point or the northerly side of Drinkwater Road; thence turning and running N 27° 33' 28" W a distance of one hundred sixty-five and twenty-nine hundredths (165.29) feet, more or less, along said Drinkwater Road to a point; thence turning and running N 64° 46' 57" W a distance of four hundred thirteen and eleven hundredths (413.11) feet, more or less, along said Drinkwater Road to the point of beginning. Said parcel containing five (5) acres, more or less.

More particularly described as Parcel A in "Plan of land for James Richardson Adams, Jr. in Hampton Falls, New Hampshire" by Parker Survey Assoc., plan drawn January, 1970, revised September, 1971, and recorded in Rockingham County Registry of Deeds, as Plan D-5870.

Being the same premises conveyed to us by James Richardson Adams, Jr. and Norma C. Adams by deed dated June 1, 1976, recorded in said Registry, Book 2258, Page 0265.

STATE OF NEW HAMPSHIRE
TAX ON TRANSFER OF REAL PROPERTY
STATE TAX COMMISSION
FEB 27 79
345.00
076023

We are husband and wife, and ~~wife of husband of said grantor~~, *release to said grantee s, all rights of ~~dower~~ homestead and other interests therein.*

Witness, our *hands* ~~xxxxxx~~ *this* 23rd *day of* February, 1979.

Janet M. Wiggin — To Both

Andrew S. Wight

Paulette D. Wight

State of New Hampshire

Rockingham *ss.:* February 23, *A.D.* 19 79.

Personally appeared Andrew S. Wight and Paulette D. Wight *known to me, or satisfactorily proven, to be the person s whose name s are subscribed to the foregoing instrument and acknowledged that t he y executed the same for the purposes therein contained.*

Before me, Janet M Wiggin

BK2381 P1294

DEED OF WARRANTY

01043

JAN 16 3 33 PM '81

We, Ray Justin Coggin and Anne Goodrich Coggin

of Hampton Falls, Rockingham County, State of New Hampshire, for consideration paid, grant to David L. Lobdell and Barbara Lobdell, husband and wife as joint tenants with rights of survivorship,

of Drinkwater Road (Street Address) Hampton Falls (Town or City) Rockingham County, State of New Hampshire, with WARRANTY covenants, the following described premises:

(Description of land or interest being conveyed, incumbrances, exceptions, reservations, if any)

A certain tract or parcel of land situate in Hampton Falls in the County of Rockingham and State of New Hampshire bounded and described as follows:

Beginning at a point on the Northeasterly sideline of Drinkwater Road, so-called located in a stone wall Two Hundred (200) feet, more or less, from the Southwesterly corner of land now or formerly of one C. Robie; thence turning and running

(1) N 44° 14' 54" East, a distance of Four Hundred Thirty (430) feet, more or less, to a point; thence turning and running

(2) N 46° 5' 5" West, a distance of One Hundred Ninety-seven and thirty-seven hundredths (197.37) feet, more or less, to a point on the Southeasterly bound of land now or formerly of said Robie; thence turning and running

(3) N 43° 54' 55" East, along land now or formerly of said Robie, a distance of One Hundred Sixty-five (165) feet, more or less, to an iron pin on the Westerly bound of land now or formerly of Apple Crest Farm; thence turning and running

(4) S 38° 21' 38" East, a distance of Four Hundred Forty (440) feet, more or less, to a point on the Westerly bound of land now or formerly of H. Kent; thence turning and running

(5) Southwesterly bounded Southeasterly by land now or formerly of J. R. Adams et ux, to a point on the Northeasterly sideline of Drinkwater Road, said point being Two Hundred Fifty (250) feet, more or less, Southeasterly along said Drinkwater Road from the point of beginning herein; thence running

(6) Northwesterly along said Northeasterly sideline of Drinkwater Road Two Hundred Fifty (250) feet, more or less, to the point of beginning.

Being the same premises conveyed to the Grantors by deed of J. R. Adams and Norma C. Adams, dated April 7, 1976 and recorded in Book 2254, Page 1365 of the Rockingham records. See Plan D-5979.

The 1980 real estate taxes are to be pro-rated as of date of closing.

We, wife and husband , release to said Grantees all rights of curtesy, homestead and other interests therein.

WASTEWATER ALTERNATIVES, INC
developing innovative solutions with sustainable results
11 Hethlon Road, Canterbury, NH 03224

Telephone: 603-783-8042 Toll Free: (866) 900-2415 Fax (603) 783-4499
www.thecleansolution.com email: info@thecleansolution.com

May 28, 2008

Martin Pihl
2 Cotton Farm Lane
North Hampton, NH 03864

Dear Mr. Pihl:

Thank you for choosing to use ***THE CLEAN SOLUTION™*** alternative septic system for your existing 4-bedroom single-family home located at 2 Cotton Farm Lane in North Hampton, NH. Attached is a sales agreement for the system. This agreement describes what you are buying, the required maintenance, your warranty, the price and the terms of sale.

The following is enclosed:

1. A complete copy of the Sales Agreement and Inspection Contract for your records.

2. **Inspection Contract** - Return one signed copy to ***Tocky Stockton*** of ***Stockton Services***. Tocky will send one signed copy to NHDES with your subsurface disposal plan submittal. NHDES needs this for their records to show that you are aware of the required maintenance.

3. **Sales Agreement and Inspection Contract –** Please sign and return with the initial payment to WAI approximately three weeks prior to the system installation.

I look forward to working with you. Please give me a call if you would like to discuss the system or the sales agreement.

Sincerely,

Gary R. Spaulding
General Manager

WASTEWATER ALTERNATIVES, INC

11 Hethlon Road, Canterbury, NH 03224

Telephone: 603-783-8042 Toll Free: (866) 900-2514 Fax (603) 783-4499
www.thecleansolution.com email: gary@thecleansolution.com

RESIDENTIAL
SALES AGREEMENT
May 28, 2008

BUYER:	
Name:	Martin Pihl
Address:	2 Cotton Farm Lane
City, State Zip:	North Hampton, NH 03864
Phone:	
Cell:	
Email:	
OWNER-IF DIFFERENT:	
Name:	~Same~
Address:	
City, State Zip:	
Phone:	
Cell:	
Email:	

SITE:	
Property ID:	Tax Map 6, Lot 133-1
Address:	2 Cotton Farm Lane
City, State, Zip:	North Hampton, NH 03864
Waterbody:	N/A
Property Type:	
Residential Single Family:	Yes
Residential Seasonal:	No

Wastewater Alternatives, Inc. (WAI) agrees to supply a Model ***250-R4 CLEAN SOLUTION™*** Sewage Treatment System to the buyer installed at the above site in accordance with the attached specifications and the subsurface disposal plan submitted for an *existing full time 4-bedroom single family home* by *Tocky Stockton* of *Stockton Services*, as approved by NHDES. ***THE CLEAN SOLUTION*** system has been designed based on design parameters provided by the designer / owner. Change of use that results in the increase in daily flow or wastewater strength will require approval by WAI. Approval from NHDES and Local Land Use Boards may also be required.

SHOULD THE ABOVE PROPERTY BE SOLD, THE ABOVE OWNER SHALL PROVIDE THE NEW OWNER WITH A COPY OF THIS AGREEMENT. THE TERMS AND CONDITIONS OF THIS AGREEMENT WILL TRANSFER TO THE NEW BUYER AND BECOME BINDING ON THE NEW OWNER(S).

This Sales Agreement is subject to the following conditions:

1. The buyer has retained a licensed designer and has obtained all necessary approvals from NHDES and Local Land Use Boards.
2. The buyer will provide WAI with copies of the plans approved by NHDES.
3. The buyer has or will have retained a qualified installer licensed by the State to install Subsurface Disposal Systems prior to system installation.
4. This agreement contains a required maintenance schedule. Failure to perform the required maintenance could result in premature failure of the dispersal field and void the warranty of system and system components.

WASTEWATER ALTERNATIVES, INC
11 Hethlon Road, Canterbury, NH 03224

Telephone: 603-783-8042 Toll Free: (866) 900-2514 Fax (603) 783-4499
www.thecleansolution.com email: gary@thecleansolution.com

SYSTEM COMPONENTS PROVIDED BY WAI:

WAI will provide the following system components as shown on the attached design schematic and specifications. These components shall be installed as shown on the design plans by a qualified installer licensed by the State of NH to install Subsurface Disposal Systems.

1. A 1,000-gallon 2-compartment (500/500 gallon) concrete tank to function as an aerobic treatment tank and a settling tank.
2. Plastic access covers and plastic risers to a maximum height of 24". If depth of cover over the top of the tank exceeds 24", the site contractor shall provide additional risers as necessary. Contractor shall ensure that all risers are watertight and that all screws and gaskets are in place and that the cover(s) have been secured. If concrete risers, covers or cast iron covers are used, contractor shall use water plug or an equivalent method to ensure water tightness.

WAI will provide the following system components and labor to install components as shown in the attached design schematic and specifications:

1. Plastic Media in BioCon™ Chamber
2. (1)- SL44 Compressor - Owner and WAI will mutually determine placement of the compressor. Compressor needs to be within 50' of the BioCon tank.
3. Oxygen transfer system.
4. Baffles within BioCon™ Chamber and settling tank.
5. Air compressor shelf.

Electrical Requirements to be provided by Owner:

1. **Owner shall be responsible for hiring a licensed electrician.**
2. A 120-volt outlet, non-ground fault circuit capable of supplying 1 amp continuously for each compressor and that meets current electrical codes adopted by The State of NH or local Municipality. Location of the outlet(s) shall be within 50' of the BioCon Chamber. (The power required for each compressor is approximately the same as a 100 watt light bulb)

Following not provided by WAI:

1. Additional septic tanks.
2. Exterior housing unit for the compressor(s).
3. Exterior Venting may be required for older homes or systems where effluent is pumped to ***THE CLEAN SOLUTION*** system.

All system components supplied by WAI are standard duty rated. Heavy Duty tanks and risers shall be required when the depth of fill exceeds 3 feet but is less than 5 feet. H-20 loaded tanks and risers will be required when the depth of fill is 5 feet or greater and/or is subject to vehicular traffic. Contact WAI for updated pricing for Heavy Duty or H-20 loaded components.

WASTEWATER ALTERNATIVES, INC

11 Hethlon Road, Canterbury, NH 03224

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www.thecleansolution.com email: gary@thecleansolution.com

OWNER HAS THE FOLLOWING UNDERSTANDING

THE CLEAN SOLUTION system has been designed based on information provide by the owner(s) or owner(s) designer/engineer. Failure to install the subsurface disposal system according to the approved plan will void system warranty and performance specifications. The owner(s) contractor shall ensure that all risers are watertight and all system components, both upstream and downstream of ***THE CLEAN SOLUTION*** system are watertight to prevent infiltration from groundwater and surface runoff. ***THE CLEAN SOLUTION*** system has not been designed to handle backwash discharge from Water Softeners or other high water use fixtures such as hot tubs or spa style showers. WAI recommends that backwash discharge or water from high water use fixtures be discharged into an approved drywell.

PERFORMANCE SPECIFICATIONS:

The system is warranted to discharge clean, odor free water to the dispersal field, equivalent or better than 30mg/l BOD5, 30mg/l TSS.

RIGHTS TO DATA AND ACCESS TO THE SYSTEM

WAI reserves the right of reasonable access to collect data, modify, maintain and repair ***THE CLEAN SOLUTION*** and its subsystems. WAI will retain all data collected and the rights to it.

DELIVERY

WAI will be prepared to install the system approximately 3 weeks after you have chosen an installer and returned a signed copy of this agreement with the initial payment to WAI. **It is important that WAI be able to coordinate with the installer. Owner to provide WAI with the installer's contact information.**

TRADE SECRETS

THE CLEAN SOLUTION is the result of the expenditure of much effort and money. The design of the components and operational cycle are the intellectual property of WAI and may not be revealed without written permission.

WASTEWATER ALTERNATIVES, INC
11 Hethlon Road, Canterbury, NH 03224

Telephone: 603-783-8042 Toll Free: (866) 900-2514 Fax (603) 783-4499
www.thecleansolution.com email: gary@thecleansolution.com

WARRANTY FOR RESIDENTIAL SINGLE FAMILY SYSTEM

For a period of 10 years, WAI will warranty the components within BioCon™ chamber and repair or replace any of these components, including parts and labor, at no cost to you. This does not cover pumping the system to make necessary repairs.

WAI will extend the compressor manufacturer's warranty from two to four years. This covers compressor(s) that have been maintained and used under normal operating conditions. WAI will provide replacement air compressor(s) at cost-plus shipping for compressors not covered under warranty. Labor to replace compressor(s) will be billed out at WAI standard hourly rates.

Warranty for pump chamber components (pump, floats, alarms) installed by WAI is limited to the pump / floats / alarm manufacturer's terms and conditions. Labor to replace sump / effluent pump / floats / alarms will be billed out at WAI standard hourly rates.

WAI will warranty a dispersal field that utilizes concrete or plastic chambers or conventional pipe and stone dispersal fields designed and constructed to NH Department of Environmental Services and WAI requirements for a period of 5 years. This warranty does not cover system failures caused by water fixture leaks, water overuse, and groundwater leaks or flooding. This warranty is for materials only to replace the dispersal field in-kind and does not cover the cost of landscaping, pumping, relocation or labor.

Warranty of all other types of dispersal fields (i.e. fabric style leaching components) is limited to manufacturer's warranty and not covered by WAI or WAI warranties.

Owner(s) responsibility during this period is to perform the required maintenance and have an inspection contract with WAI or an approved vendor in effect at all times. Failure to perform the required maintenance, have an inspection contract, and maintain records of pumping or to notify WAI of any problems will void this warranty. This warranty also does not cover damage caused by improper use, poor construction or design practices, high groundwater, flooding or acts of God.

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY OR OTHERWISE, APPLICABLE TO THE SEWAGE TREATMENT SYSTEM SHALL BE LIMITED IN DURATION TO ONE YEAR.

*WASTEWATER ALTERNATIVES INC. SHALL NOT BE LIABLE FOR ANY DIRECT OR INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. NOR SHALL WASTEWATER ALTERNATIVES, INC. LIABILITY UNDER THIS WARRANTY EXCEED THE PRICE PAID BY THE BUYER TO WASTERWATER ALTERNATIVES, INC. FOR **THE CLEAN SOLUTION SYSTEM**.*

WASTEWATER ALTERNATIVES, INC

11 Hethlon Road, Canterbury, NH 03224

Telephone: 603-783-8042 Toll Free: (866) 900-2514 Fax (603) 783-4499
www.thecleansolution.com email: gary@thecleansolution.com

PAYMENT

The agreed upon price for the WAI equipment and services detailed in the Sales Agreement is **$4,900.00. ELECTRICAL WORK NOT INCLUDED IN PRICE.**

Payment is requested as follows:
$2,450.00 upon signing this agreement
$2,450.00 immediately upon WAI installing system components.
Ownership will transfer to the buyer upon final payment. Failure to pay WAI will void all warrantees.

Price for optional 250ST-R4 ***CLEAN SOLUTION* to be used if existing septic tank is found unsuitable is **$6,800.00**. Please notify WAI three weeks prior to installation if this model is to be substituted.**

The price does not include electrical wiring, excavation to install the components of this system, dispersal field, or connections from the house to ***THE CLEAN SOLUTION*** or to the dispersal field.

THIS PRICE IS VALID FOR 60 DAYS FROM THE DATE OF THIS DOCUMENT. ALL SYSTEM COMPONENTS MUST BE INSTALLED WITHIN 60 DAYS OF INITIAL DEPOSIT.

Please send payment to:
Wastewater Alternatives Inc.
P.O. Box 670
Groton MA 01450

If Paying by Credit Card please call:
WAI Accounting Department
1-978-448-2280

By signing below the owner or owner's representative has read the SALES AGREEMENT and attached MAINTENANCE AGREEMENT requirements and agrees to the terms of the SALES AGREEMENT and to perform the necessary maintenance and inspections as outlined in the MAINTENANCE AGREEMENT.

ACCEPTED:

BUYER:

Martin Pihl
2 Cotton Farm Lane
North Hampton, NH 03864

DATE:

SELLER:

Wastewater Alternatives, Inc.
Gary R. Spaulding
General Manager

DATE: May 28, 2008

WASTEWATER ALTERNATIVES, INC

11 Hethlon Road, Canterbury, NH 03224

Telephone: 603-783-8042 Toll Free: (866) 900-2514 Fax (603) 783-4499
www.thecleansolution.com.com email: gary@thecleansolution.com

RESIDENTIAL
INSPECTION CONTRACT
May 28, 2008

BUYER:	
Name:	Martin Pihl
Address:	2 Cotton Farm Lane
City, State Zip:	North Hampton, NH 03864
Phone:	
Cell:	
Email:	

OWNER-IF DIFFERENT:	
Name:	~Same~
Address:	
City, State Zip:	
Phone:	
Cell:	
Email:	

SITE:	
Property ID:	Tax Map 6, Lot 133-1
Address:	2 Cotton Farm Lane
City, State, Zip:	North Hampton, NH 03864
Waterbody:	N/A

Property Type:

Residential Single Family:	Yes
Residential Seasonal:	No

MAINTENANCE REQUIRED:

The following maintenance is required. It is the owner's responsibility to see that this maintenance is performed.

☒ **Full Time Residential Use (Single Family Home)**

1. Inspection every 2 years by a WAI Technician or by a company or individual that has been certified by WAI to perform inspections.
2. Use a local pumper to pump out the septic and settling/pump tanks every 2 to 3 years. More or less frequent pumping may be required depending on system use and number of occupants. WAI and the pumper can determine the required frequency. Owner must retain records of pumping.
3. Compressor must run continuously. It should be checked for operation at least once a month.
4. BioCon™ chamber may require pumping between 6 and 8 years. WAI Technician will determine if pumping is necessary during inspection.
5. Compressor Air Filter to be cleaned or replaced yearly.

☐ **Seasonal Residential Use (Single Family Home when used less than 6 months per year)**

1. Inspection every 3 years by a WAI Technician or by a company or individual that has been certified by WAI to perform inspections.
2. Use a local pumper to pump out the septic and settling/pump tanks every 2 to 4 years. More or less frequent pumping may be required depending on system use and number of occupants. WAI or the pumper can determine the required frequency. Homeowner must retain records of pumping.
3. Compressor must run continuously. It should be checked for operation at least once a month.

WASTEWATER ALTERNATIVES, INC
11 Hethlon Road, Canterbury, NH 03224

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www.thecleansolution.com.com email: gary@thecleansolution.com

4. Compressor may be disconnected during the off-season.
5. BioCon™ chamber may require pumping between 8 and 10 years. WAI Technician will determine if pumping is necessary during inspection.
6. Compressor Air Filter to be cleaned or replaced yearly.

Following the above schedule will fulfill your obligations to maintain your warranty.

The first inspection is included in the sales price. Maintenance Contracts are available from WAI. The service will include a detailed inspection of the system and replacement of any failed items within the BioCon Chamber. Tank pumping is not included in the price and must be arranged by the property owner. Failure to have a maintenance agreement with WAI or an approved vendor will void maintenance warranty outlined in the **Sales Agreement.**

INSPECTION FEE SCHEDULE
Single Family Residential Homes – fee is $200.00 per inspection plus the cost of replacement parts not covered by warranty.

Inspection fees may be revised by WAI as needed to adjust cost of services.

Inspection fees will be billed at time of service. Failure to perform inspection or pay for inspection will void WAI warranty.

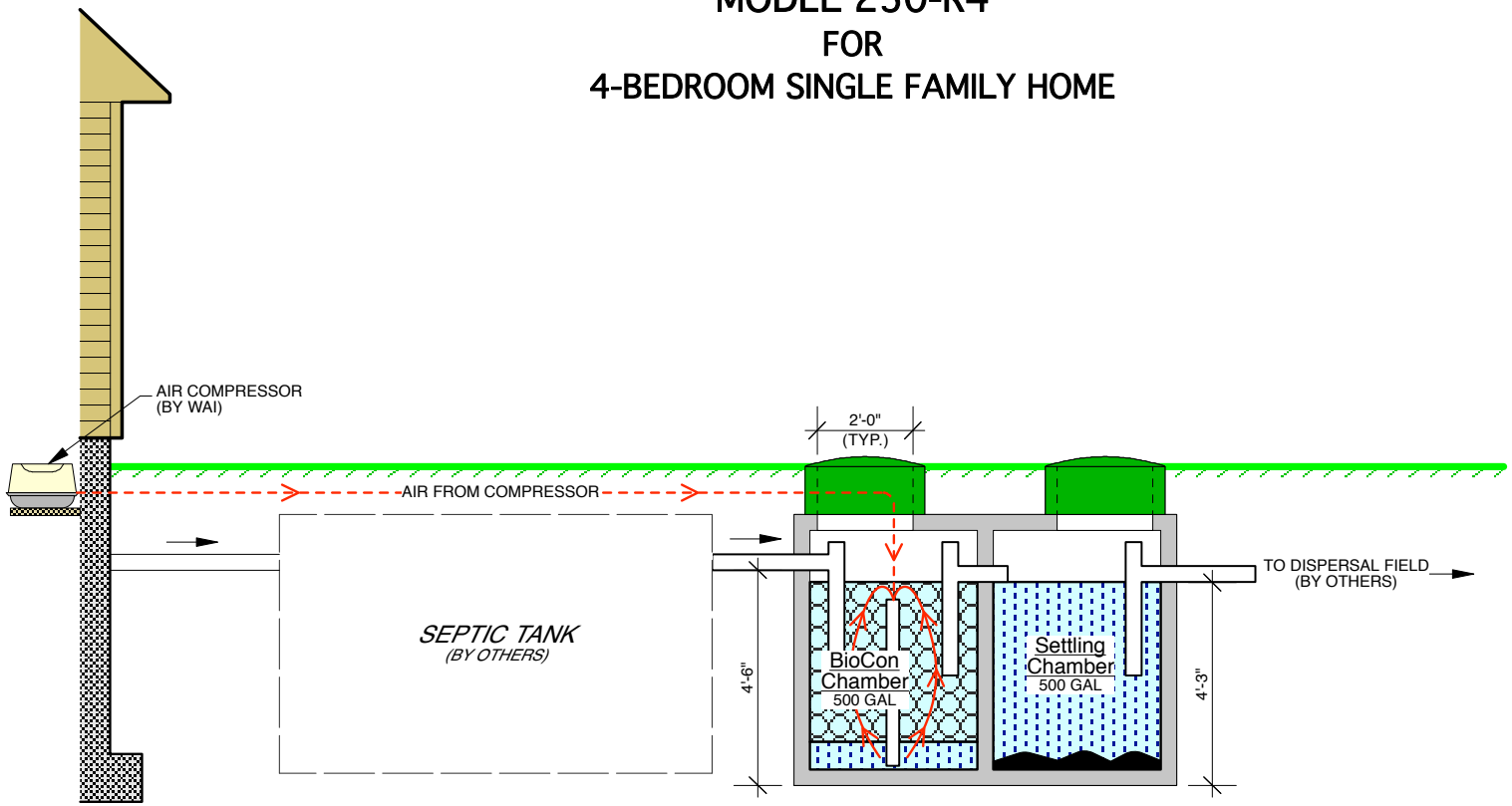
By signing below the owner or owner's representative has read the above Maintenance requirements and conditions outlined in the SALES AGREEMENT and agrees to perform the necessary maintenance and inspections as outlined.

ACCEPTED:
BUYER:

Martin Pihl
2 Cotton Farm Lane
North Hampton, NH 03864

DATE:

THE CLEAN SOLUTION™ ALTERNATIVE SEPTIC SYSTEM
MODEL 250-R4
FOR
4-BEDROOM SINGLE FAMILY HOME



BioCon/Settling Tank
1,000 GAL 2 Compartment Tank
(8'0"L x 5'4"W x 5'8"H)

Tank from:
A.J. Foss Inc.
Farmington, NH 03835
Tel: 603-755-2515

NOTES:
1. Septic Tank & Settling Compartment must be pumped every 2 to 3 years. More frequent pumping may be required depending on use.
2. Tank is not suitable for drive on use. Heavy Duty and H-20 models available.
3. Contractor to verify tank dimensions prior to setting.
4. Plastic risers will be provided to suite site (up to 24" depth).

Site: Tax Map 6, Lot No. 133-1 2 Cotton Farm Lane North Hampton, NH 03864	Owner: Martin Pihl 2 Cotton Farm Lane North Hampton, NH 03864	Date 05/28/2008 Rev.	WASTEWATER ALTERNATIVES, INC. **THE CLEAN SOLUTION™** 11 Hethlon Road Canterbury, NH 03224 Tel. 1-866-900-2415 Fax. 603-783-4499 www.thecleansolution.com

PIHL_250-R4_Foss.vwx

© 2008 WASTEWATER ALTERNATIVES, INC.

WASTEWATER ALTERNATIVES, INC
developing innovative solutions with sustainable results
11 Hethlon Road, Canterbury, NH 03224

Telephone: 603-783-8042 Toll Free: (866) 900-2415 Fax (603) 783-4499
www.thecleansolution.com email: info@thecleansolution.com

THEORY of *THE CLEAN SOLUTION*

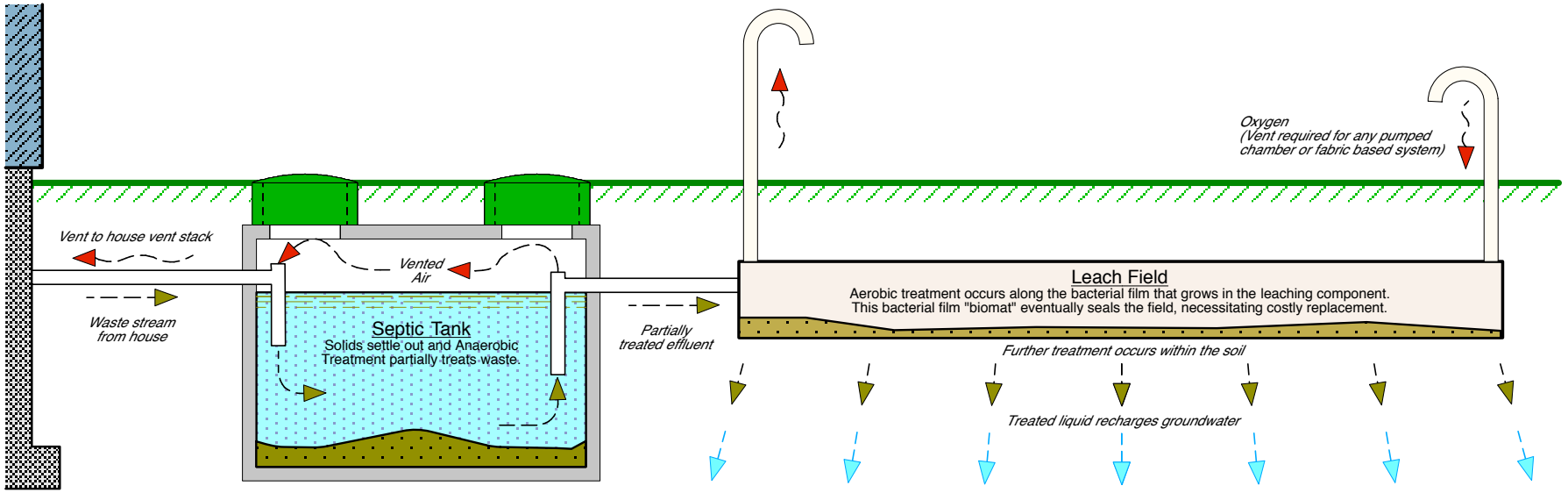
Conventional small to mid-size sewage systems normally use a septic tank followed by a leach field to first provide anaerobic (without air) and then aerobic (with air) treatment of the effluent. Septic tanks work well for capturing and digesting the solids, which are anaerobically fermented over a long period of time, dissolving the solids into the liquid waste. However, a septic tank is not designed to treat the contaminants that dissolve in the liquids. These are treated aerobically in the leach field. Municipal systems, which handle very large volumes of wastewater use different equipment to accomplish the same biological functions: primary sedimentation tanks remove solids, and a subsequent aerobic system treats the contaminants dissolved in the liquids. Settled solids are removed from municipal primary and secondary facilities for further treatment.

All aerobic treatment systems, whether a conventional leach field, municipal treatment plant, or *THE CLEAN SOLUTION*, depend on bacteria to purify the effluent from a solids settling system. In order for bacteria to reproduce they require energy (food) and air. By using the contaminants in the effluent as food and atmospheric air the bacteria metabolize the dissolved solids to carbon dioxide, water and sludge (colonies of bacteria). The aerobic bacteria also convert ammonia compounds to nitrates.

A large number of bacteria need to come in contact with the food source in order to purify an effluent. Treatment systems utilize different methods to provide the necessary bacteria population. A municipal system mechanically stirs up the bacteria in the secondary treatment process so that they will contact their food and not settle out of the effluent. In a leach field, the sludge (biomat) that forms at the ground interface is a large colony of bacteria through which the dissolved solid stream flows. In *THE CLEAN SOLUTION* the bacteria collect in a thin film on the plastic media in WAI'S proprietary BioCon biological contactor, the effluent is circulating over the plastic media several times.

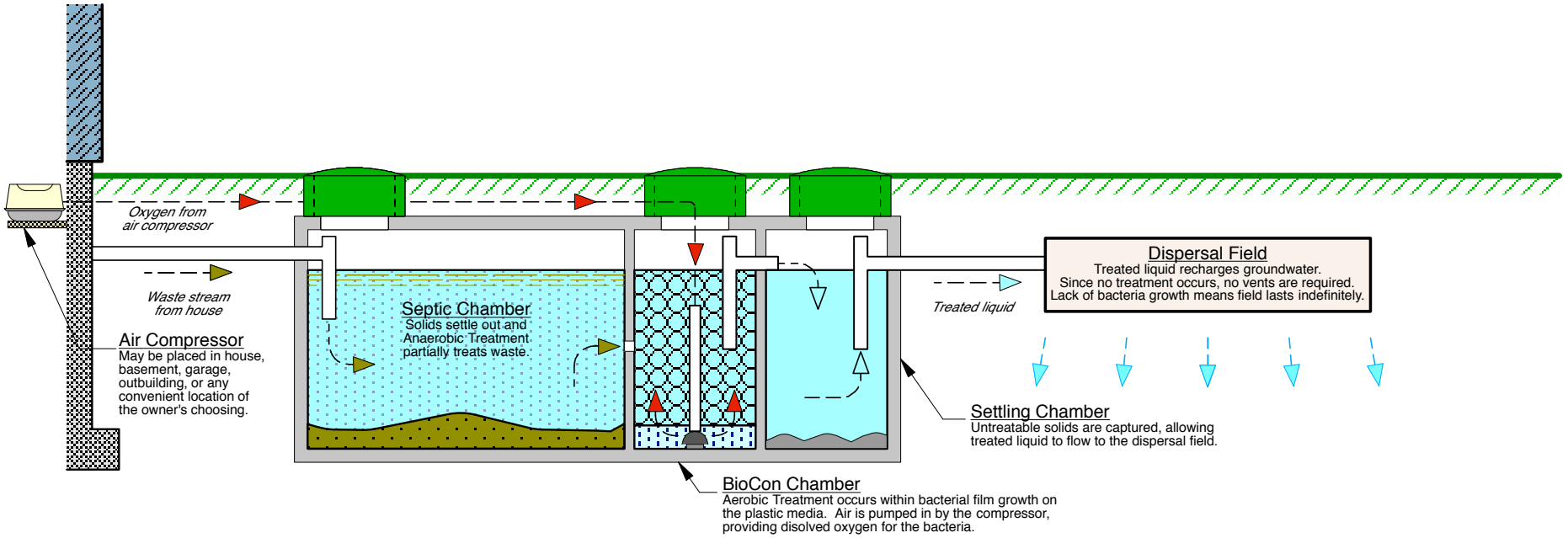
THE CLEAN SOLUTION uses the same biological process as a municipal secondary treatment plant utilizing the activated sludge process. Solids are settled out and air is added for bacteria respiration in the BioCon. This allows the bacteria to convert the carbonaceous dissolved solids to carbon dioxide, water and sludge. In addition the urea and ammonia converts to nitrates and sludge. The sludge created is settled for periodic removal from the system, and a clean, odorless effluent is discharged to the dispersal field.

The major difference between a conventional septic system and *THE CLEAN SOLUTION* is where the bacteria (sludge) collect. In a conventional system, the sludge forms in the bottom of the leach field and restricts the effluent flow enough so that the bacteria has time to act. This flow rate through the sludge determines the required field size. In *THE CLEAN SOLUTION* system the sludge is formed in the BioCon chamber resulting in treated, clear effluent discharging to the dispersal field. This field can be greatly reduced in size because there is no for further treatment to reduce BOD and TSS.


Oxygen
(Vent required for any pumped
chamber or fabric based system)
Vent to house vent stack
Vented
Air
Waste stream
from house
Septic Tank
Solids settle out and Anaerobic
Treatment partially treats waste.
Partially
treated effluent
Leach Field
Aerobic treatment occurs along the bacterial film that grows in the leaching component.
This bacterial film "biomat" eventually seals the field, necessitating costly replacement.
Further treatment occurs within the soil
Treated liquid recharges groundwater

LEACH FIELD BASED SEPTIC SYSTEM

Treatment occurs within the leach field components, whether fabric wrapped pipes or mats, concrete or plastic chambers or traditional pipe & stone.



THE CLEAN SOLUTION™ ALTERNATIVE SEPTIC SYSTEM

Treatment occurs within the BioCon™ Aerobic treatment chamber, allowing for a dispersal area smaller than a leach field.

WASTEWATER ALTERNATIVES, INC.
THE CLEAN SOLUTION™
11 Hethlon Road
Canterbury, NH 03224
Tel. 1-866-900-2415 Fax. 603-783-4499
www.thecleansolution.com

$2.00 rev.

Book 0937 Page 0072

Know all Men by these Presents,

THAT We, Charles Albert Robie of Newburyport, in the County of Essex and Commonwealth of Massachusetts, and Frances Josephine Robie of Hampton Falls in the County of Rockingham, and State of New Hampshire, both unmarried

Robie et al to Benoit et al

in consideration of One dollar and other consideration to us paid by Robert L. Benoit and Muriel S. Benoit, both of Malden, in the County of Middlesex, and Commonwealth of Massachusetts, as joint tenants with the right of survivorship and not as tenants in common

Del. to E. Coop. Bank

the receipt whereof we do hereby acknowledge, have given, granted, bargained, sold, and conveyed and do for our selves and our heirs, by these presents, give, grant, bargain, sell, and convey unto the said Robert L. Benoit and Muriel S. Benoit, the survivor of them their heirs and assigns, forever, Three undivided quarters in and to the following described premises: A certain tract of land, situated on the Middle Road, so-called, in Hampton Falls, in the County of Rockingham and State of New Hampshire, containing fourteen (14) acres, more or less, about eight (8) tillage and six (6) pasture, with the buildings thereon, bounded and described as follows: Commencing at the Southwest corner at land of J. H., W.M.and A. D. Brown, on said Middle Road; thence following said road in a general Southeasterly direction to Town Gravel Pit; thence following said Gravel Pit in a Northeasterly direction to land of James H. Page; thence following said Page land in a Northwesterly direction to land of Applecrest Farm Company; thence following said Applecrest land in the same direction to land of Grant B. Sanborn; thence following said Sanborn land in said direction to land of James H., W.M. and A.D.Brown; thence following said Brown land in a Southwesterly direction to starting point. The interest in said premises was inherited by these grantors, together with Muriel E. Robie, from their father Frank Jones Robie, see Docket No. 22105, and the interest of said Muriel E. Robie was conveyed to Charles Albert Robie by deed dated August 31, 1936, recorded in Rockingham County Registry of Deeds, Book 923, Page 18. Not including in this conveyance a certain tract on the Westerly side thereof, being 226 feet on said Middle Road and 172 feet on land of Applecrest Farm Company and land of Grant B. Sanborn. (537-072)

To have and to hold the aforesaid premises, with all the privileges and appurtenances thereunto belonging to the said grantee s the survivor of them their heirs and assigns, to their use and behoof forever. And we do covenant with the said grantees the survivor of them their heirs and assigns; that we lawfully seized in fee of the afore-described premises; that they are free of all incumbrances; that we have good right to sell and convey the same to the said grantee in manner aforesaid; and that we and our heirs will warrant and defend the same premises to the said grantees the survivor of them their heirs and assigns, forever, against the lawful claims and demands of all persons.

~~And we, and each of us, hereby release our several rights of Homestead in said premises, under and by virtue of any law of this State.~~

In Witness whereof we *have hereunto set* our *hands and seals, this* 14th *day of* January *in the year of our Lord one thousand nine hundred and* thirty-eight.

SIGNED, SEALED AND DELIVERED IN PRESENCE OF US:

Richard E. Shute

Charles Albert Robie (L.S.)

Frances Josephine Robie (L.S.)

STATE OF NEW HAMPSHIRE, Rockingham ss. January 14th, 1938

Then the above named Charles Albert Robie and Frances Josephine Robie personally appearing, acknowledged the above instrument to be their free act and deed.

Before me,

ROCKINGHAM COUNTY REGISTRY OF DEEDS
COPY ORDER

ORDER NUMBER: 422191 ORDERED BY: TOCKY

DATE: 6/02/08 ACCOUNT NAME: STOCKTON SERVICES $ 50

FAX: N ADDRESS: PO BOX 1306

HARD COPY: N HAMPTON NH 03843-1306

BOX #:

PICK UP: Y

FAX #: 0000

GRANTOR/GRANTEE	BOOK/PAGE OR PLAN #	# OF PAGES	COPY TYPE	CERT Y/N	CHARGE
D17700	D17700	1	SCALE PLAN		3.00

Gave scaled copy to Pitt

D1763	D1763	1	MICRO PLAN	1.50
D5870	D5870	1	MICRO PLAN	1.50

Gave copies to Pitt

APPROVAL FOR CONSTRUCTION

CA2008093143 N.H. DEPARTMENT OF ENVIRONMENTAL SERVICES
SUBSURFACE SYSTEMS BUREAU
P.O. BOX 95, 29 HAZEN DRIVE, CONCORD, NH 03302-0095 APPROVAL NO. CA2008093143

THE PLANS AND SPECIFICATIONS FOR SEWAGE OR WASTE DISPOSAL SYSTEM SUBMITTED FOR:

OWNER: MARTIN PIHL
2 COTTON FARM LN
NORTH HAMPTON NH 03862-

COPY SENT TO:
BUILDING INSPECTOR
PO BOX 710
NORTH HAMPTON NH 03862

BY APPLICANT: PERMIT NO. 00346

STOCKTON SERVICES
PO BOX 1306
HAMPTON NH 03843-1306

Map No./Lot No.:	6/133-1 1995000034
Subd. Appvl. No.:	
Subd. Name:	
County:	ROCKINGHAM
Registry Book No.:	3170
Registry Page No.:	1826
Probate Docket No.: (If Applicable)	
Type of System:	M 4 BR 600 GPD
Town/City Location:	NORTH HAMPTON
Street Location:	2 COTTON FARM LANE

Subsurface waste disposal systems must be operated and maintained in a manner so as to prevent nuisance or health hazard due to system failure. (RSA 485-A:37)

It is unlawful to discharge any hazardous chemicals or substances into subsurface waste disposal systems. Included are paints, thinners, gasoline and chlorinated hydrocarbon solvents such as TCE, sometimes used to clean failed septic systems and auto parts. (Env-Ws 1503.04)

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED BELOW CONDITIONS

1. THIS APPROVAL IS VALID FOR 90 DAYS FROM DATE OF SAID APPROVAL, PER ENV-WQ 1003.19.
2. THIS APPROVAL IS GRANTED ONLY TO IMPROVE AN EXISTING SITUATION.
3. APPROVED WITH A MUNICIPAL WATER SUPPLY ONLY.
4. APPROVAL BASED ON MEETING MINIMUM ENV-WQ SETBACK REQUIREMENTS BETWEEN THE TANK ,FIELD AND WATERLINE.

90 DAY EXTENSION GRANTED FROM DATE OF EXPIRATION. JGF 9/16/08.

06/02/2008 ERIC J THOMAS

WARRANTY DEED

NOW COMES DEERTREES HOMES, INC., a New Hampshire corporation, Grantor(s) of 4 Atlantic Avenue, North Hampton, New Hampshire and for consideration paid, grant(s) to

MARTIN J. PIHL and MARY KIM ROSA-PIHL, husband and wife, as joint tenants with rights of survivorship, Grantee(s) of 25 Grove Street, Merrimac, Massachusetts 01860

with *warranty covenants*, the following described property:

00366773

Aug 9 9 32 AM '96

ROCKINGHAM COUNTY
REGISTRY OF DEEDS

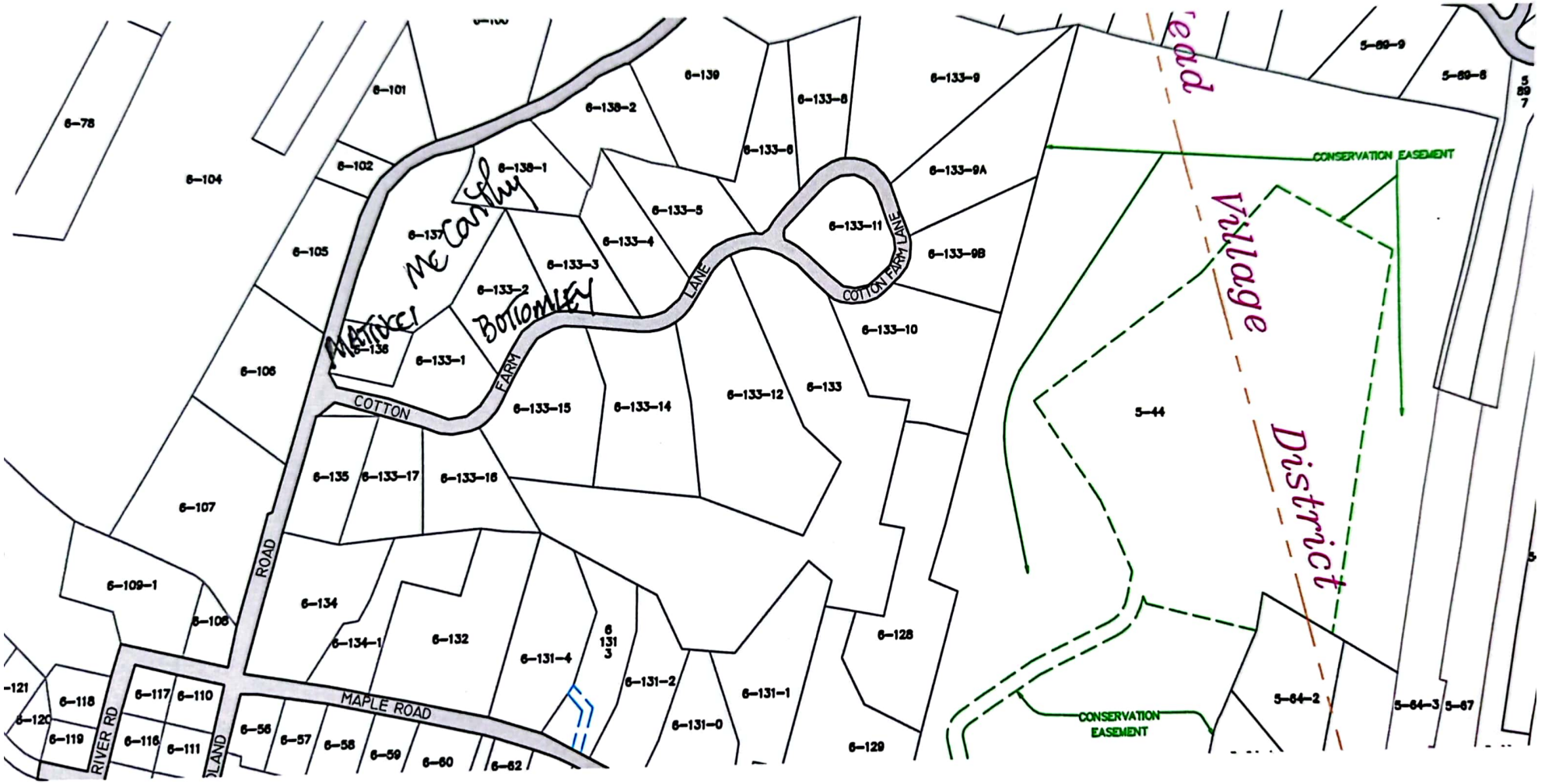
property located in the Boulders Subdivision in North Hampton, Rockingham County, New Hampshire and shown as Lot #1 on a plan entitled "Subdivision Plan (Boulders Relaty Corp.) The Boulders Subdivision, North Hampton, N.H." prepared by Jones & Beach Engineers, Inc., dated October 20, 1994 and as revised on a plan entitled "Lot-Line Adjustment Plan, for Lot 1 & Lot 2 of, Boulders Subdivision" prepared by Jones & Beach Engineers, Inc., dated June 15, 1995 and recorded July 10, 1995 as Plan #C-24021 in the Rockingham County Registry of Deeds.

Lot #1 as shown on said plan is more particularly described as follows:

Beginning at a point on the easterly side of Woodland Road at a drill hole found (DHF) at the intersection of Cotton Farm Lane with Woodland Road, thence running along said Cotton Farm Lane the following courses and distances S 30°37'46" E a distance of 48.69 feet to an iron bound to be set (IB); S 75°28'49" E a distance of 100.09 feet to an IB; along a curve to the right with radius of 725 feet a distance of 70.18 feet to an IB; S 69°55'55" E a distance of 194.39 feet to an IB; along a curve to the left with a radius of 110 feet a distance of 157.40 feet to an IB; N 28°04'57" E a distance of 95.25 feet to an IB at Lot #2 on said plan; thence turning and running along Lot #2 the following courses and distances: N 52°19'17" W a distance of 35.64 feet to an I.B. Found; N 36°01'27" W a distance of 40.00 feet to an I.B. Found; N 28°05'13 W a distance of 144.84 feet to an I.B. Found; N 36°01'27" W a distance of 40.00 feet and N 52°19'17" W a distance of 35.64 feet to "stake and stones (found)" (SSF) at Tax Map 6, Lot 137; thence turning and running along said Lot 137 S 46°28'40" W a distance of 140.53 feet to a SSF at the corner of Tax Map 6, Lot 136; thence turning and running along said Lot 136 the following courses and distances: S 22°08'54" W a distance of 178.95 feet to a SSF; N 79°41'59" W a distance of 117.28 feet to an I.B. Found; N 75°28'49" W a distance of 97.65 feet to the original DHF and the point and place of beginning.

Said lot containing 2.01 acres more or less.

Said lot is subject to all terms, conditions, covenants, restrictions and agreements contained on the above referenced plans as well as Restrictive Covenants recorded in said Registry at Book 3099, Page 2013 and Amendment thereto recorded in said Registry at Book 3109, Page 1012.



-Alan Rogers-
real estate agent
Bentley 964-7277

checked DES FOR ALL NAMES AFTER 1967

NOTHING OTHER THAN KAT CA20070907 21

921-0200 1/4 INT same desc as 937-072

D1763

D17700 scale

D 1570 North Hampton

* D5870

* D5614

3460-956

3515-2844

DAVID & BARBARA LOBDELL

2/23/79 ↑ 2333-0117 PCLA D 5870

✓ Andrews & Paulette D Wight 5A

6/1/76 ↑ 2258-0265 same desc ~~PO~~ 5AC

✓ James Richardson Adams → OUT 2005-165

10/18/1967 ↑ PORTION 1882-400 ✓ 14 AC *

✓ Herbert E & Reine M. Gilson

3/18/1957 ↑ same 1425-479 (except 537-072 1938) ERROR = 937-072 ??

✓ Muriel S. Benoit

PDFS IN PROJECT File

1

✓ David L & Barbara L. Lobdell

1/9/81 ↑ 2381-1294 see D5870

✓ Ray Justin Coggin Anne Goodrich

4/7/76 ↑ 2254-1365 3.8A CORRECTIVE DEED ~~D1763~~ D1763

same desc

✓ J.R. & Norma C Adams

4/7/76 ↑ 2254-1360 3.8A C CORRECTIVE DEED D1763

2

OUT 2005-165

JR & NORMA C ADAMS

11/1/74 ↑ 2230-722 (See corrective 2254-1360)

✓ JR & NORMA C. ADAMS ✓

✓ ↑ PORTION 1882-400 see above

✓ H.E. GILSON 1967

7/27/08

Kim & Marty—

This is a bit awkward and stems from a misunderstanding between Chris and me and I apologize for that, but I have enclosed an invoice for my work on the septic design and hope that you won't mind paying me directly as my services for you were completed almost 4 months ago.

Please remember that your approval is only good for 90 days (expires 9/6/08) and it takes a few weeks to arrange things with the clear solution people. My surgery went amazingly well. They were able to do it laparoscopically and I am back to 100% now.

Hope you and family are well.

Thanks again,

Tacky

You will need to ask the state for an extension of your 90 pas the expiration date

APPROVAL FOR CONSTRUCTION

CA1995001696

N.H. DEPARTMENT OF ENVIRONMENTAL SERVICES
WATER SUPPLY & POLLUTION CONTROL DIVISION
P.O. BOX 95, 6 HAZEN DRIVE, CONCORD, NH 03302-0095

APPROVAL NO. CA1995001696

THE PLANS AND SPECIFICATIONS FOR SEWAGE OR WASTE DISPOSAL SYSTEM SUBMITTED FOR:

LOT #1

OWNER:

TUCK REALTY CORPORATION
4 ATLANTIC AVENUE
NORTH HAMPTON NH 03862-

COPY SENT TO:

BUILDING INSPECTOR
PO BOX 710
NORTH HAMPTON NH 03862-

BY APPLICANT: PERMIT NO.

01064

JONES & BEACH ENGINEERS INC
85 PORTSMOUTH AVE PO BOX 219
STRATHAM NH 03885-

Lot Numbers: 131 & 140/1
Subd. Appvl. No.: SA1995000034
Subd. Name: COTTON WOODS ESTATES
County: ROCKINGHAM
Registry Book No.: 3091
Registry Page No.: 0425
Probate Docket No.: (If Applicable)
Type of System: 4 BR
600 GPD

Town/City Location: NORTH HAMPTON

Street Location: COTTON FARMS LANE

Subsurface waste disposal systems must be operated and maintained in a manner so as to prevent nuisance or health hazard due to system failure. (RSA 485-A:37)

It is unlawful to discharge any hazardous chemicals or substances into subsurface waste disposal systems. Included are paints, thinners, gasoline and chlorinated hydrocarbon solvents such as TCE, sometimes used to clean failed septic systems and auto parts. (Env-Ws 410.08)

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED BELOW CONDITIONS

Tech's Stockton Service
W: 772-7404

Approved this date: 05/04/95

By: Jo-Ann McKenney
JO-ANN MCKENNEY
N.H. Water Supply & Pollution Control Division Staff

Date amended: _____

Amended by: _____

REVISED 8/91

(OVER)

TOWN'S

ered filtered fabric or equal-4'6" width

APPROVAL FOR CONSTRUCTION

CA1995001696

N.H. DEPARTMENT OF ENVIRONMENTAL SERVICES
WATER SUPPLY & POLLUTION CONTROL DIVISION
P.O. BOX 95, 6 HAZEN DRIVE, CONCORD, NH 03302-0095

APPROVAL NO. CA1995001696

PLANS AND SPECIFICATIONS FOR SEWAGE OR WASTE DISPOSAL SYSTEM SUBMITTED FOR:

LOT #1

TNER:

TUCK REALTY CORPORATION
4 ATLANTIC AVENUE
NORTH HAMPTON NH 03862-

PY SENT TO:

BUILDING INSPECTOR
PO BOX 710
NORTH HAMPTON NH 03862-

APPLICANT: PERMIT NO.

01054

JONES & BEACH ENGINEERS INC
85 PORTSMOUTH AVE PO BOX 219
STRATHAM NH 03885-

Lot Numbers: 131 & 140/1
Subd. Appvl. No.: SA1995000034
Subd. Name: COTTON WOODS ESTATES
County: ROCKINGHAM
Registry Book No.: 3091
Registry Page No.: 0425
Probate Docket No.: (If Applicable)
Type of System: 4 BR
600 GPD

Town/City Location: NORTH HAMPTON

Street Location: COTTON FARMS LANE

Subsurface waste disposal systems must be operated and maintained in a manner so as to prevent nuisance or health hazard due to system failure. (RSA 485-A:37)

It is unlawful to discharge any hazardous chemicals or substances into subsurface waste disposal systems. Included are paints, thinners, gasoline and chlorinated hydrocarbon solvents such as TCE, sometimes used to clean failed septic systems and auto parts. (Env-Wa 410.05)

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED BELOW CONDITIONS

APPROVAL FOR OPERATION

CA1995001696 A

N.H. DEPARTMENT OF ENVIRONMENTAL SERVICES
WATER SUPPLY & POLLUTION CONTROL DIVISION
P.O. BOX 95, 6 HAZEN DRIVE, CONCORD, NH 03302-0095

APPROVAL NO. CA1995001696 A

AMENDED DUE TO: boundary line correction & house relocation

OWNER:

TUCK REALTY CORPORATION
4 ATLANTIC AVENUE
NORTH HAMPTON NH 03862-

COPY SENT TO:

BUILDING INSPECTOR
PO BOX 710
NORTH HAMPTON NH 03862-

Lot Numbers: 131 & 140/1
Subd. Appvl. No.: SA1995000034
Subd. Name: COTTON WOODS ESTATES
County: ROCKINGHAM
Registry Book No.: 3091
Registry Page No.: 0425
Probate Docket No.: (If Applicable)

Type of System: 4 BR
600 GPD

Town/City Location: NORTH HAMPTON

Street Location: COTTON FARMS LANE

Installer P Hussey Permit No. 3086

☐ Owner Installed For His Domicile

Was Inspected On (Date) 12/11/95
Before Covering And Is Hereby Approved For Use.

Date Approved: 12/11/95

By: John W Plant

Authorized Agent Of N.H. Water Supply And Pollution Control Division

(OVER)

Subsurface waste disposal systems must be operated and maintained in a manner so as to prevent nuisance or health hazard due to system failure.
(RSA 485-A:37)

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(Env-Ws 410.05)

REVISED 8/91 199501854

TOWN'S

CONFIRM YOUR CONTRACTOR OF ACQUIRED CHANGES IN PLANS AS INDICATED ON THIS CONDITIONAL APPROVAL

REVIEWED AND APPROVED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NH DEPT OF ENVIRONMENTAL SERVICES WATER SUPPLY & POLLUTION CONTROL DIVISION
Signed Jo-Anne McKinney
Date 5-4-95 CAPPS
00 676

LOCUS
N.T.S.

OVERALL SITE

TEST PIT
NORTH HAMPTON
BOULDERS SUBDIVISION
LOT #1-4
4.24.95

Performed by Kenneth A. Berry, LLS, of Jones & Beach Engineers, Inc., and witnessed by Severino Trucking Company, Contractor for The Boulders Subdivision

0"-12"		Top soil loam mott
12"-33"	10YR 5/8	yellowish brown fine sandy loam some to 1 1' loose, friable granular Rocks to 12"
33"-65"	10YR 4/4	dark yellowish brown fine sandy loam moderately firm and friable, granular mottles numerous and distinct

SHWT @ 33"
33" Ledge
No ground water

Perc Rate 6min/inch = 40"

SUBDIVISION LOT 1
TAX MAP 131 & 140
87,356 S.F.
2.01 Ac.

LOT 2

TAX MAP 6
LOT 136

COTTON FARM LANE

4 BEDROOM W/PARTIAL FOUNDATION DRAINS
SILL ELEV. = 51.0

GARAGE SLAB
ELEV. = 50.0

PROPOSED DRIVE

75' PROTECTIVE WELL RADIUS

TBM
NAIL IN 14" BLACK BIRCH
ELEV. = 45.17

TBM
NAIL IN 18" OAK
ELEV. = 55.13

BUILDING SETBACK
50' FROM WETLANDS

WETLANDS BOUNDARY

SEPTIC SETBACK
75' FROM WETLANDS

30 - H-20 INFILTRATORS

INSTALL DRY 1" HIGH DENSITY POLY WATER LINE

HATCHED AREA NOT TO BE PAVED

N 22°08'54" E 178.95'

N 46°28'40" E 140.53'

S 36°01'27" E 239.85'

S 28°04'57" E 95.25'

PLOT PLAN

SCALE: 1 inch = 20 feet

Assumed elevation of bench mark =

INFILTRATOR LOW PROFILE

5 ft. fill extension.

Fill to be medium to course-textured sand 6" minus free of organics (.25 - 2.0mm)

Remove topsoil before placing fill

4 in. thick (minimum) heavy loam

Side slopes of fill = 3 (horz.) : 1 (vert.)

Septic tank to be sealed & grouted

System to be 75' from hydric A soils & 75' from hydric B soils

Crown system to shed rainwater

If garbage grinders are desired, septic tank to be 50% larger

12" minimum cover on pipe invert going into house.

No vehicular nor livestock travel nor snow removal allowed in area of system.

All sealant to be non-shrink mortar or thick plastic cement

System will be replaced in same location in case of failure

Bottom of bed and INFILTRATORS to be level. INFILTRATORS are 34.00" wide and 12.00" high. Invert height is 6"

Slope system away from house

No surface water, exposed ledge or wells within 75' of system

UNDERDRAIN SETBACKS
10' from septic tank
25' from leach field
outlet 35' from well

sill= 51.5
slab= 44.0
2% Min Slope
4 in. SOLID PVC SCH 40
49.05
RISER W/COVER TO SURFACE
500 gal Capacity
SEPTIC TANK
48.69
48.44
4 in. SOLID PVC SCH 40
10'
1% Min Slope
5 OUTLET DISTRIBUTION BOX
SCH 40
48.34
48.17
48.67

INFILTRATORS
5' fill ext.
ground elev.= 49.5
75" min
3
1
bottom of bed= 47.67
SHWT = 43.67

Recommended cleaning septic tank at least once every 2 years

D-Box 8 Septic tank supplied by EURTCO, Inc. of Exeter N.H. (772-2094) H-20

Infiltrators supplied by N.H. SOILS of Newmarket, N.H. (659-3559) H-20

Cluster CROSS-SECTIONS

5'
3
1

HIGH SIDE = 49.0
LOW SIDE = 45.0
AVG. ELEV. = 47.0
SHWT = 40"
SHWT EL. = 43.67

Cover INFILTRATORS with CULTEC 410 Engineered filtered fabric or equal-4'6" width min. required.

Test Pit, Date: 4/24/95 Perc. Test, Date: 4/24/95

Perc. Test Data: 6 min./inch@ 40 inches. 4 bedrooms = 900 sq.ft. of leaching area required. 600 GPD
(40% reduction allowed for cluster systems)

Cluster Installation: sq. ft. Requirement x .6 (For INFILTRATORS) — 18 sq. ft. per. INFILTRATORS = No. of. INFILTRATORS
900 x .6 (For INFILTRATORS) — 18 = 30 INFILTRATORS required. 30 INFILTRATORS supplied.

☒ Bottom of bed to be installed at an elevation no less than 1.33 ft. below original grade.

MAINTAIN: 4' above E.S.H.W.T.
6' above impermeable soil or ledge.

SOIL TYPE: 140 B HOLLIS

ROCKINGHAM County Soil Conservation Service

END PLATE
75"
75"
75"
75"
END PLATE

Recommended min. backfill over INFILTRATORS = 9".(Heavy duty INFILTRATORS = 12" compacted)

Subdivision approval # SA1995000034 COTTON WOODS ESTATES
Construction approval #

NEW HAMPSHIRE (Designer of Subsurface Disposal Systems) Kenneth A. Berry No. 125

APR 27 1995

BK. 3091 PG. 0425

NO.	DATE	REVISION
0	4/25/95	ISSUED FOR APPROVAL

J/B

THE BOULDERS SUBDIVISION
COTTON FARM LANE
NORTH HAMPTON, N.H.

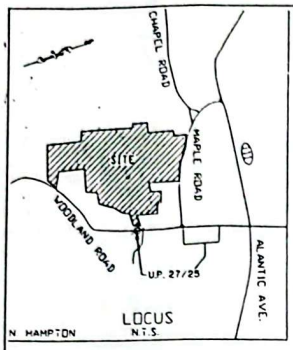
SUBSURFACE DISPOSAL DESIGN

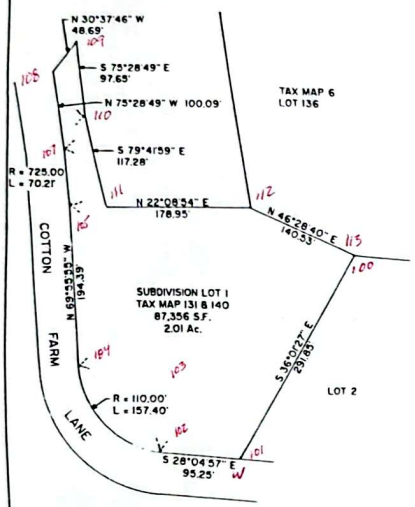
SUBDIVISION LOT 1
TAX MAP 131 & 140

JONES & BEACH ENGINEERS, INC.
85 PORTSMOUTH AVE.
STRATHAM, N.H. 03885

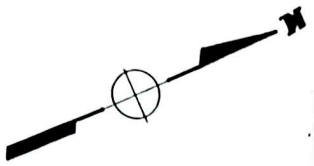
DRAWING NO. 1

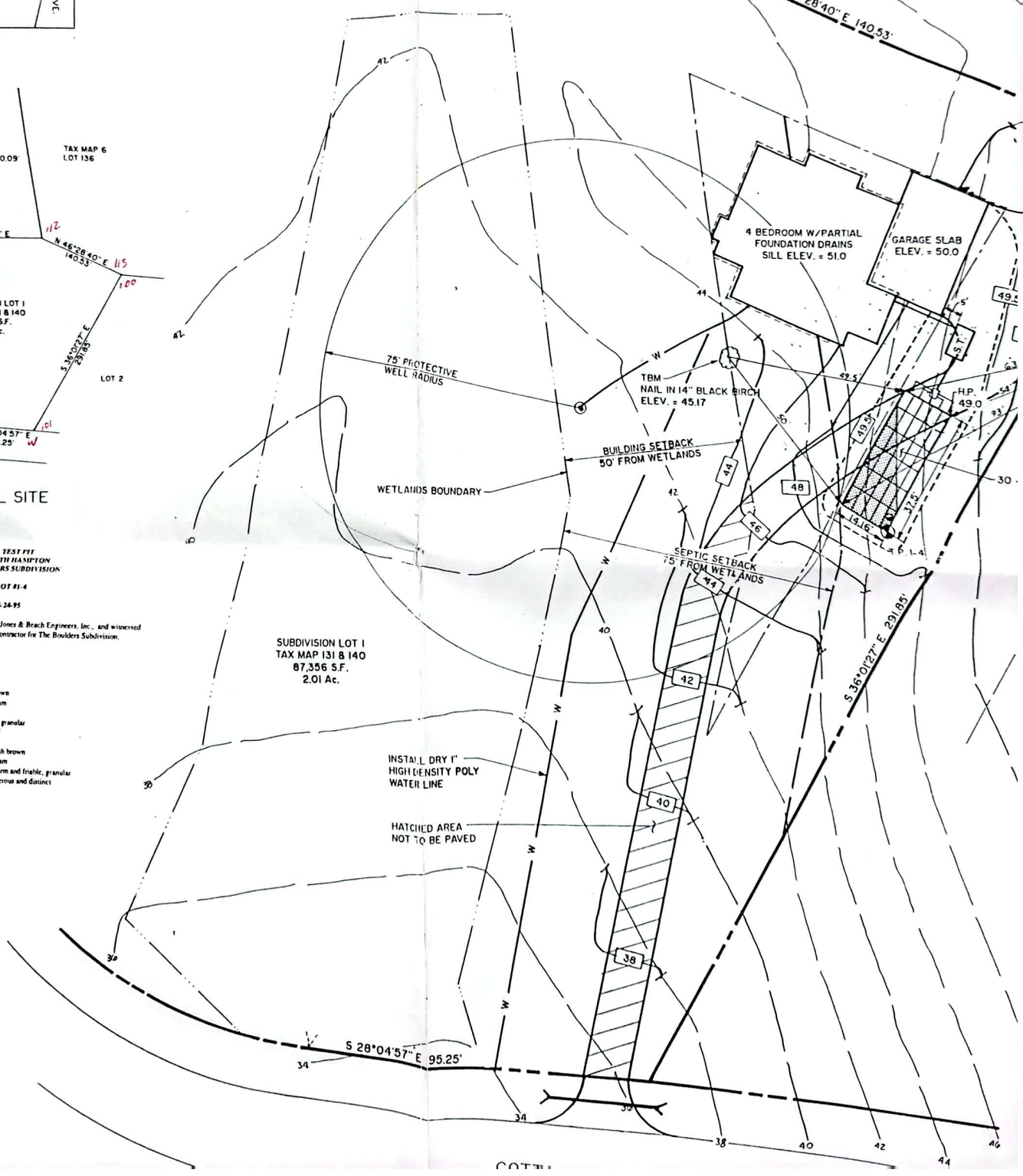
SCALE :	DATE :	FILE :	REV.	SHEET NO.
1" = 20'	4/25/95	006-133-Ob1		1 OF 1





OVERALL SITE

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TBM NAIL IN 14" BLACK BIRCH ELEV. = 45.17
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2.01 Ac.
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HATCHED AREA NOT TO BE PAVED
S 36°01'27" E 291.85'
S 28°04'57" E 95.25'
H.P. 49.0
S.T.

TEST PIT
NORTH HAMPTON
BOULDERS SUBDIVISION

LOT 81-4

6-24-95

Performed by Kenneth A. Berry, LLS, of Jones & Beach Engineers, Inc., and witnessed by Severino Trucking Company, Contractor for The Boulders Subdivision.

0'-12"		Top soil forest matt
12"-3.3'	10YR 5/8	yellowish brown fine sandy loam roots to 3.3' loose, friable granular Rocks to 12"
3.3'-6.5'	10YR 4/4	dark yellowish brown fine sandy loam moderately firm and friable, granular mottles numerous and distinct

SHWT @ 3.3'
6.5' Ledge
No ground water

Perc Rate 6min/inch @ 40"

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED ON THIS CONDITIONAL APPROVAL

REVIEWED AND APPROVED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NH DEPT OF ENVIRONMENTAL SERVICES WATER SUPPLY & POLLUTION CONTROL DIVISION
Signed Jo-Ann McKinney
Date 5-4-95 CAI995 00 1676

12" minimum cover on pipe invert going into house.

No vehicular nor livestock travel nor snow removal allowed in area of system.

All sealant to be non-shrink mortar or thick plastic cement

System will be replaced in same location in case of failure

Bottom of bed and INFILTRATORS to be level. INFILTRATORS are 34.00"wide and 12.00"high. Invert height is 6"

Slope system away from house

No surface water, exposed ledge or wells within 75' of system

5 ft. fill extension.

Fill to be medium to course-textured sand 6" minus free of organics (.25 - 2.0mm)

Remove topsoil before placing fill

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Side slopes of fill = 3 (horz.) : 1 (vert.)

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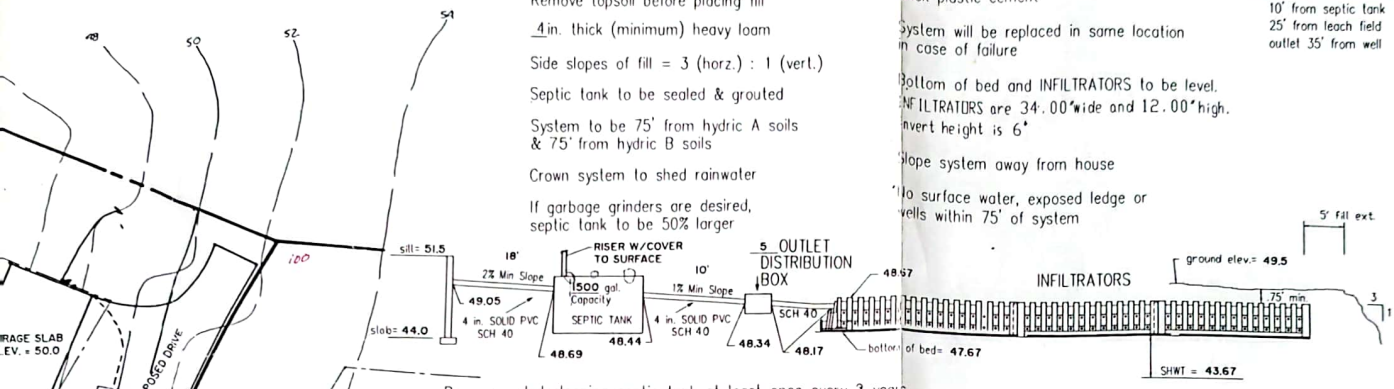
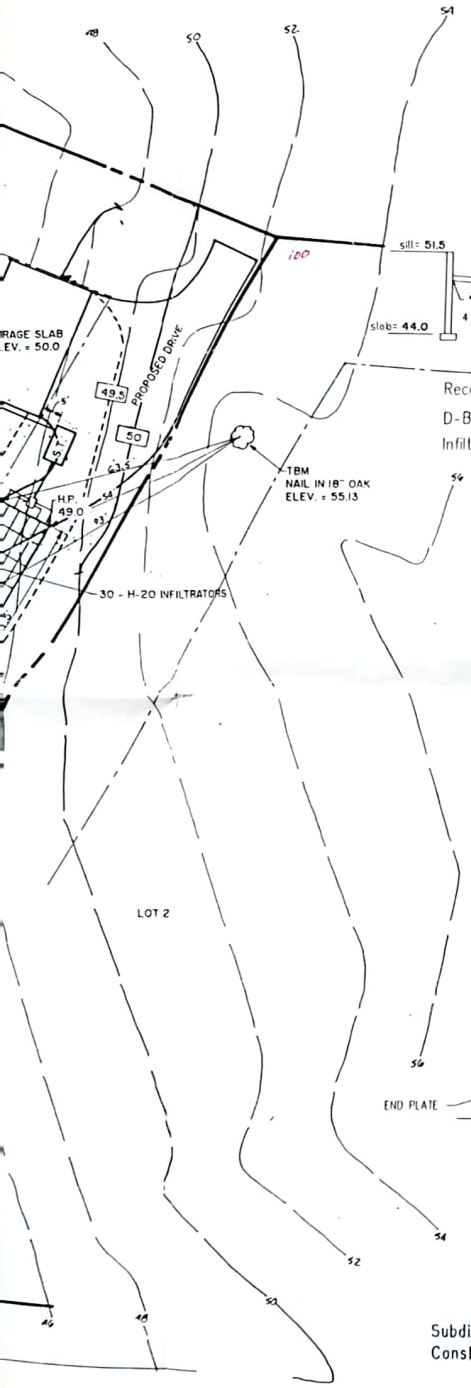
UNDERDRAIN SETBACKS
10' from septic tank
25' from leach field
outlet 35' from well



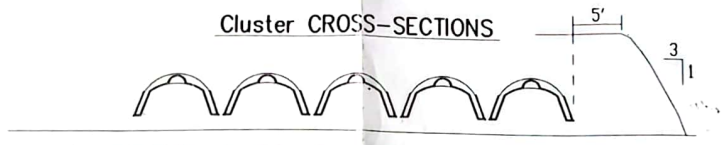


Recommended cleaning septic tank at least once every 2 years

D-Box & Septic tank supplied by EURTCO, Inc. of Exeter, N.H. (772-2094) H-20

Infiltrators supplied by N.H. SOILS of Newmarket, N.H. (659-3559) H-20

Cluster CROSS-SECTIONS



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AVG. ELEV. = 47.0
SHWT = 40"
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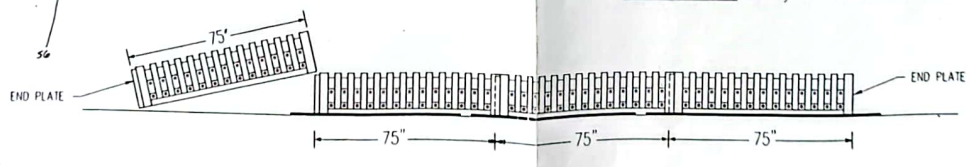


RECEIVED
APR 27 1995
N.H. WATER SUPPLY & POLLUTION CONTROL DIVISION

Recommended min. backfill over INFILTRATORS = 9".(Heavy duty INFILTRATORS = 12" compacted)

Subdivision approval # SAI995000034 COTTON WOODS ESTATES
Construction approval #

NEW HAMPSHIRE Designer of Subsurface Disposal Systems Kenneth A. Berry No. 135 Water Supply & Pollution Control

BK. 3091 PG. 0425

THE BOULDERS SUBDIVISION
COTTON FARM LANE
NORTH HAMPTON, N.H.

SUBSURFACE DISPOSAL DESIGN

SUBDIVISION LOT 1
TAX MAP 131 & 140

0	4/25/95	ISSUED FOR APPROVAL

J/B

JONES & BEACH ENGINEERS, INC.
85 PORTSMOUTH AVE.
STRATHAM, N.H. 03885

SCALE: DATE: FILE:

DRAWING NO. 1

NHSC INC.
ENVIRONMENTAL CONSULTANTS

Natural Resources Management and Permitting

Stormwater Pollution Prevention

Water Resources Management

Wetland Science

Soil Science

Subsurface Sewage Disposal

Environmental Site Assessment and Planning

The Commons at Kent Place
202 Kent Place
Newmarket, NH 03857
Voice: 603.659.3559
Fax: 603.659.7750

Riverbend Professional Building
291 Main Street / P.O. Box 430
Alton, NH 03809
Voice: 603.875.7645
Fax: 603.875.7646

1105 Schrock Road
Suite 107
Columbus, OH 43229
Voice: 614.781.1778
Fax: 614.781.1787

www.nhsc.net

April 30, 2008

Martin Pihl
2 Cotton Farm Lane
North Hampton, NH 03862

Re: Investigation of Leach Field
2 Cotton Woods Lane
North Hampton, NH 03862

Dear Allan:

Per your request to verify that your system was in failure, I performed a site walk and leach field evaluation on April 30, 2008.

Effluent Disposal Area Information
Designer: Randall B. Jones
Installer: Paul Hussey III
Construction approval # CA1995001696, dated 5/4/1995.

The system is a gravity plastic chamber leaching field, designed for a 4-bedroom home.

Observations:
On 4/30/08 I verified that the leach field was in poor to failing condition per guidelines established in the June 2005 New Hampshire Certified Septic System Evaluator Program Manual, provided by Granite State Designers and Installers. The plastic chambers are in failure due to high effluent levels. The plastic chambers were found to be full of standing effluent. The sand between the chambers was black in color, indicating prolonged exposure to high effluent levels. Multiple inspection holes were performed to verify that this condition was throughout the leach field. The plan shows a portion of the leach field was to be installed under the proposed driveway. This area was not verified during the inspection. The existing driveway appears to be different than shows on the plan. The existing location is thought to be closer to the property line located to the right of the property, if facing the house from the road.
High effluent levels within the tank also indicated that the system has been in poor to failing conditions. The liquid level was 2" from the top of the tank at the center clean out where 8" to 10" would be expected. The inlet baffle was not accessible due to a cover that could not be removed. The outlet baffle condition was not verified due to landscaping over the outlet baffle cover. The effluent found within the tank was clearer than commonly observed and can be an indication of excessive water use, leaky appliances, or ground water infiltration.

The home has had a garbage disposal installed without increasing the tank size per NHDES regulations. There is also a sprinkler system located within the leach field area, along with exposed ledge in close proximity.

Concerns and Recommendations:

Concern:
Access to the outlet cover of the septic tank was blocked at the time of inspection by landscaping plants, also the inlet cover was not able to be removed.

- **Recommendation**

Access shall be restored to the outlet and inlet compartments of the tank. This will allow for the maintenance of the tank to take place.

- **NHDES Regulation**

Env-Wq 1010.05 (a) Access shall be provided to each compartment of a septic tank for inspection and cleaning by means of a removable cover or a manhole that is:
(1) At least 23 inches in diameter;
(2) Of a shape or otherwise of a construction that prevents the cover from falling into the tank; and
(3) At a depth of no more than 6 inches below finished grade.
(b) Both the inlet and the outlet baffles shall be accessible.
(c) A septic tank with an effluent filter shall have a riser which extends to finished grade.
(d) The bottom of the septic tank shall not be more than 15 feet below the grade of the area where the septage pumping truck will park when the tank needs to be pumped out.
(e) Septic tanks shall be accessible by truck to within 125 feet of the nearest road or driveway.

Concern:
The existing tank was not increased to handle wastewater with a garbage disposal.

- **Recommendation**

The garbage disposal be removed, or increase tank size during the replacement of the leach field.

- **NHDES Regulation**

Env-Wq 1010.01 (e) If a garbage grinder is or will be used in the structure served by the septic tank, the size of the septic tank shall be increased by 50%

Concern:
Sprinkler systems have been found to increase water within the leach field area when used in excess, or a pipe becomes broken or leaks, saturating the leach field.

- **Recommendation**

Be aware that this may increase water within the leach field area.

Concern:
Chambers have been known to settle or sink into the sand layer.

- **Recommendation**

During the test-pit to verify that the system meets the states repair-in-kind regulation Env-Wq 1003.10 this should be checked. This may be the cause of failure. This could not be verified at the time of inspection due to high effluent levels.

Concern:
Driveway location over the existing leach field

- **Recommendation**

It is recommended that the option of redesigning a new leach field not under the driveway be looked at. The original design shows a well location and the required separation distance is the reason for the current leach field location. The existing home is serviced by town water and this fact may allow the leach field to be redesigned in front of the house. By doing this, it will allow a new leach field to be installed without removing a portion of the driveway.

Concern:
Ledge adjacent to leach field area.

- **Recommendation**

During the test-pit to verify that the system meets the states repair-in-kind regulation Env-Wq 1003.10, check for ledge under the field to verify that ledge is not in close proximity to the bed bottom. This may have not been found during test pitting or installation due to the irregular shape ledge can have.

Concern:
Clear effluent found in tank could be excessive water use, leaky appliances, ground water infiltration etc.

- **Recommendation**

Dye test on toilets should be conducted, and faucets checked for leaks. The tank should be checked when better access is gained. Proper water use should also be taken in consideration for extending the life of the new leach field.

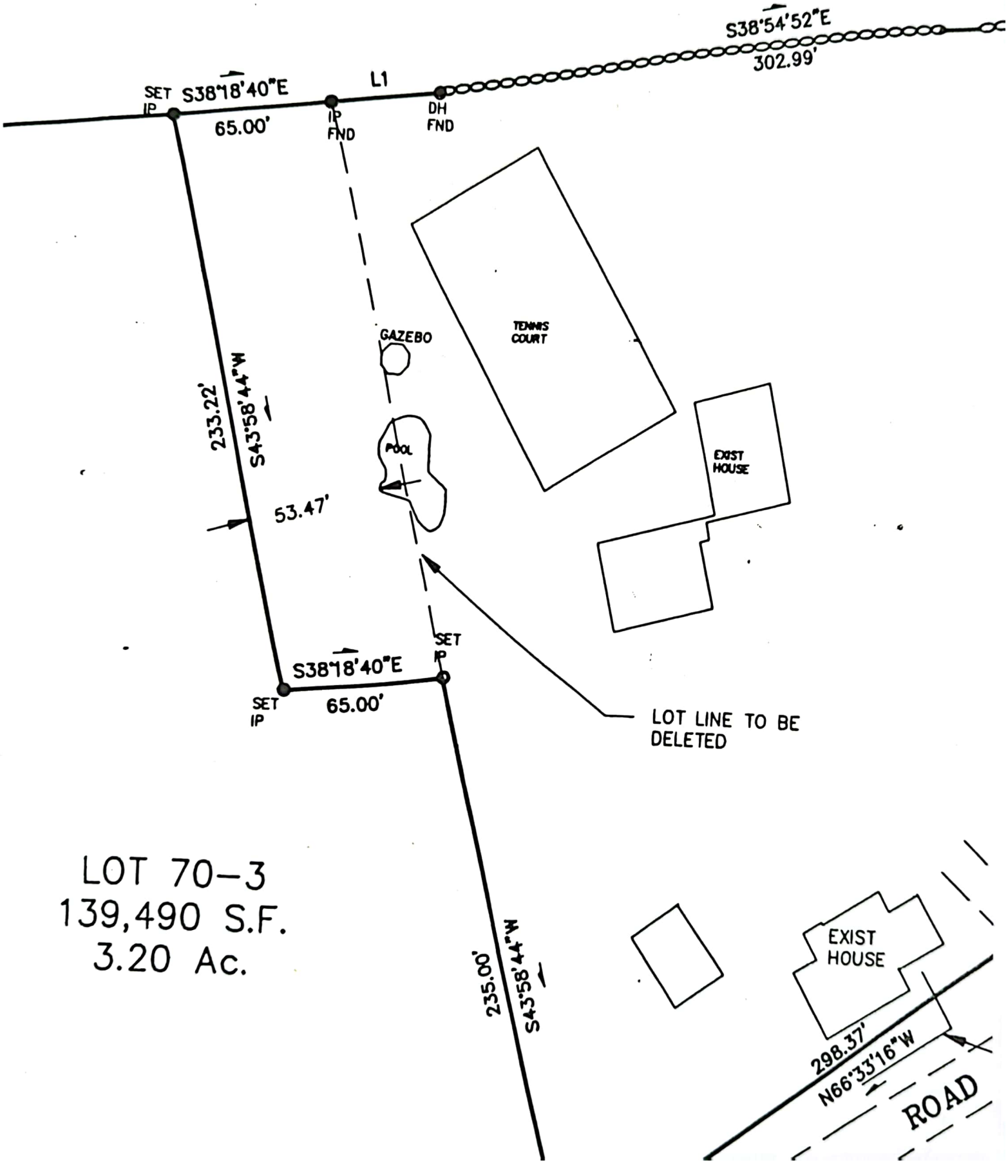
Conclusion:
At this time the leach field is in need of future replacement. The system at the time of inspection has not created an environmental hazard yet by surfacing or bleeding out. It is recommended that water use be limited as to provide time for the replacement of the leach field.

If you have any questions, please feel free to call.

Sincerely,

Joseph Paul Nichols
NH Designer Permit #1451
Certified GSDI Septic Evaluator #31

CERTIFIED EVALUATOR
Joseph Nichols No. 31

NEW HAMPSHIRE
Designer
of
Subsurface Disposal
Systems
* * *
Joseph P. Nichols
No. 1451
Department of Environmental Services

SEE PLAN R.C.R. D-5614